Terminals, W-Series

Terminals, W-Series	Overview W-Series	D.2
	Feed-through terminals	D.4
	Double-level terminals	D.16
	PE terminals	D.22
	Fuse terminals	D.32
	Test-disconnect terminals	D.54
	Earth wire disconnect terminals	D.77
	Installation terminals	D.78
	Terminals with spring-loaded cable clamps	D.86
	Initiator and actuator terminals	D.92
	Motor connection terminals	D.96
	Plug-in modular terminals	D.98
	Multi-functional terminals	D.104
	Terminals for temperature measuring circuits	D.114
	Terminals for retrofitting of electronic components	D.115
	Terminals with electronic components	D.116
	Power distribution blocks WPDB	D.122
Terminals, TS 15	Mini terminals TS 15	D.130
Terminals for direct mounting	Multi-pole terminal strips for direct mounting	D.134
Stud terminals	Overview Stud terminals	D.140
	Overview Stud terminals – ST 4000	D.142
	Single-/twin stud terminals – WF/WFF	D.144
	Twin stud terminals – ST 4000	D.152
Accessories	Accessories W-Series	D.154
Terminals, SAK-Series	Overview SAK-Series	D.184

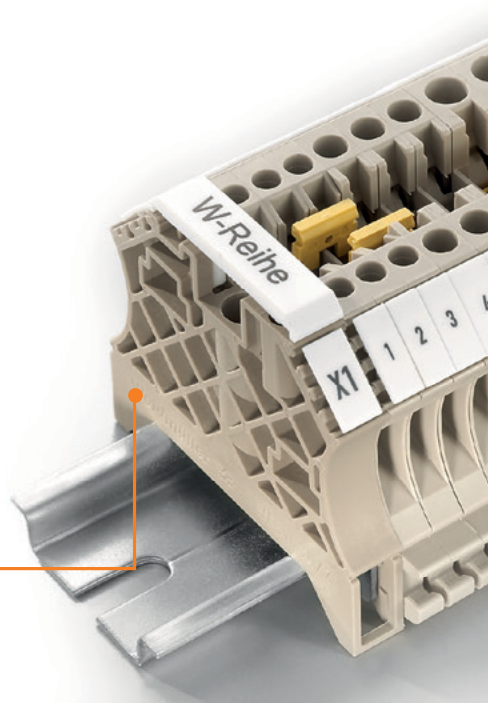
Terminal blocks with clamping yoke and screw connection system

High contact reliability for all standard electrical functions

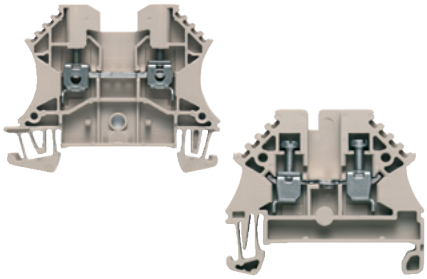
For a long time now, Weidmüller's W-Series terminal with screw clamp connection technology, has set the standard.

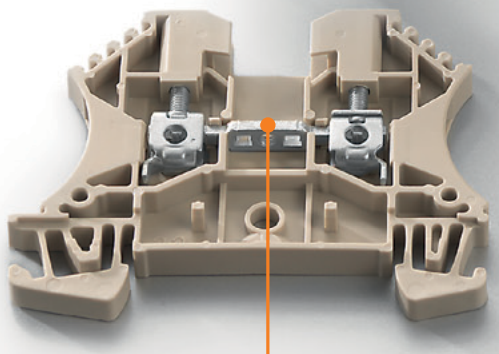
The W-Series offers solutions for conductor cross-sections between 0.05 and 300 mm². The cross-connectors are pluggable (ZQV) or screwable (WQV) in a terminal block. The combination of benefits is unequalled and puts the W-Series in a leading position on the market.

Thanks to the patented design of Weidmüller's W-Series screw connection technology, it is possible for two conductors of the same cross-section to be connected in one and the same clamping point without difficulty.

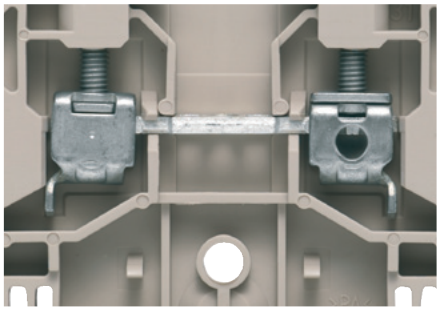


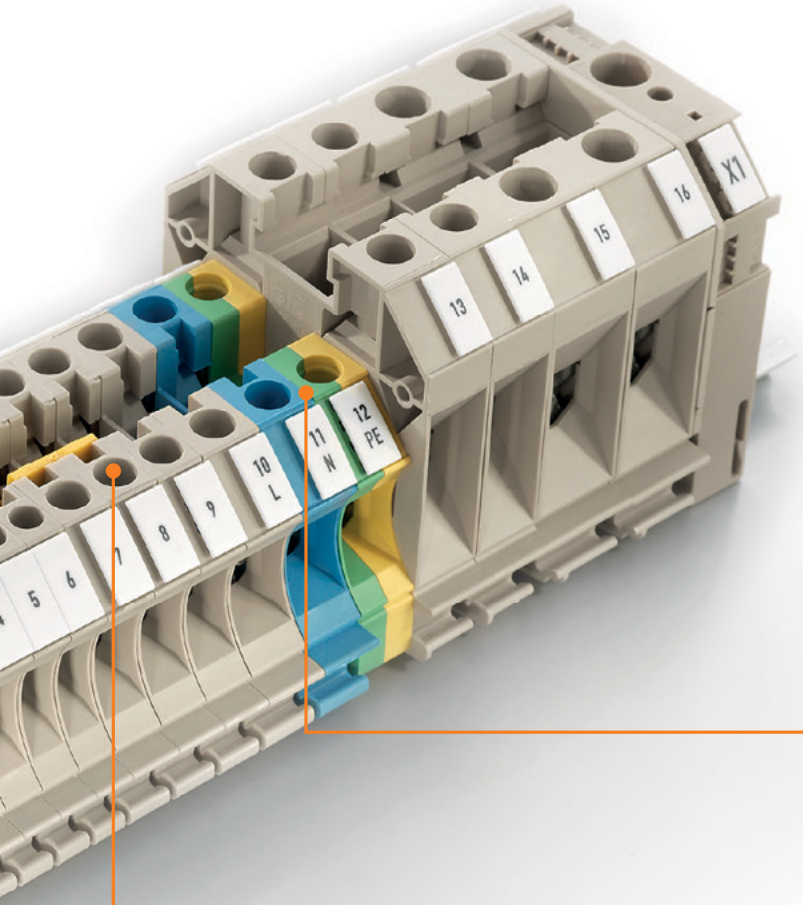
Designs
The W-Series is offered in standard and compact designs. The compact design is impressive with its small size for the design cross-sectional capacity.



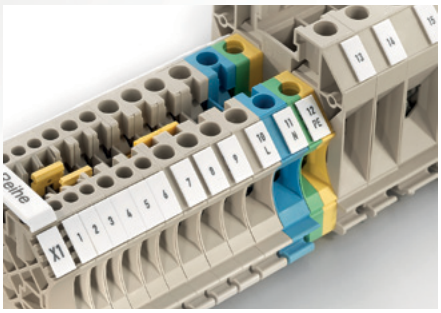


Connections proven a million times
The terminal unit consists of hardened steel, for very high contact force. The busbar is made of copper, which gives a low voltage drop. The tin-plated surface ensures minimum contact resistances.

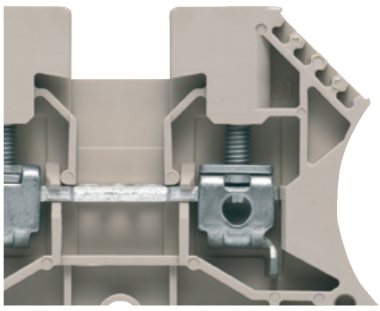




Efficiency thanks to equal contours
Uniform size of the terminal block bodies from 2.5 to 10 mm² means fewer accessories, lowers the cost, offers logistical advantages and enables simple installation.



Safe operation
The terminal blocks are supplied with open clamping units, this enables quick assembly. In addition, the misplugging safeguard prevents conductors from being inserted incorrectly. Embossing on the clamping yoke and current bar engage so that even the smallest conductors are reliably contacted; large conductors and also 2 conductors are gripped in the middle.

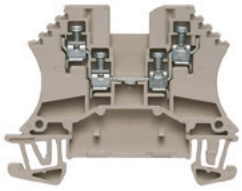


Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

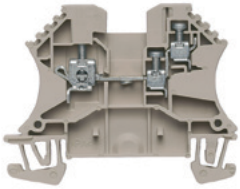
WDU 1.5/ZZ — 1.5 mm²

Twin connection

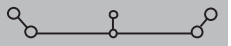


WDU 2.5/1.5/ZR — 2.5 mm²

Supplementary connection, right



		WDU 1.5/ZZ	WDU 2.5/1.5/ZR
Width/Length/Height of lowest version	mm	5.1 x 60 x 47	5.1 x 60 x 47
max. current / max. cond. cross-section	A/mm²	**23 / 2.5**	**32 / 4**
Max. clamping range	mm²	**0.13...2.5**	**0.05...4**



Technical data

Rated data		WDU 1.5/ZZ				WDU 2.5/1.5/ZR			
		IEC 60947-7-1		Ex e II	II 2 G D	IEC 60947-7-1		Ex e II	II 2 G D
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	300 (C)	300 (C)	550	800	300 (C)	300 (C)	550
Rated current	A	17.5	25 (C)	10 (C)	15	24	20 (C)	20 (C)	21
Rated cross-section	mm²	1.5	AWG 22...12	AWG 26...12	1.5	2.5	AWG 30...12	AWG 26...14	2.5
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94		A1 / V-0				A3, A1 / V-0			
Approvals		KEMA 98ATEX1685 U				KEMA 98ATEX1685 U			
Clamped conductors (H05V/H07V)		**Rated connection**	**Further connection**			**Rated connection**	**Further connection**		
Solid / stranded	mm²	0.5...2.5 / 0.5...2.5	0.5...2.5			0.5...4 / 1.5...4	0.5...4		
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5			0.5...4 / 0.5...2.5	0.5...0.5 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)				0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)									
Solid / stranded	mm²	0.5...1				0.5...1			
Flexible / Flexible with ferrule	mm²	0.5...1 / 0.5...0.75				0.5...1.5 / 0.5...1.5			
Note		Note the max. current of the terminal (23 A) when using the WQV cross-connector!				2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			

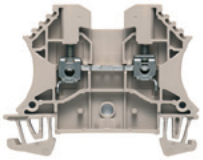
Ordering data

Version	WDU 1.5/ZZ Type	Qty.	Order No.	WDU 2.5/1.5/ZR Type	Qty.	Order No.
Dark beige Wemid	WDU 1.5/ZZ	100	**1031400000**	WDU 2.5/1.5/ZR	100	**1024700000**
Blue Wemid	WDU 1.5/ZZ BL	100	**1031480000**	WDU 2.5/1.5/ZR BL	100	**1024780000**
Note				The rated voltage is 400 V when using ZQV cross-connection, additional connection (right 1.5 mm²).		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**	ZQV 2.5N/2 GE	24 A	60	**1693800000**
3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**	ZQV 2.5N/3 GE	24 A	60	**1693810000**
4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**	ZQV 2.5N/4 GE	24 A	60	**1693820000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**	ZQV 2.5N/10 GE	24 A	20	**1693880000**
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	**1909000000**	ZQV 2.5N/20 GE	24 A	20	**1909000000**
Screwable cross-connection								
2-pole	WQV 2.5/2	32 A	50	**1053660000**	WQV 2.5/2	32 A	50	**1053660000**
3-pole	WQV 2.5/3	32 A	50	**1053760000**	WQV 2.5/3	32 A	50	**1053760000**
4-pole	WQV 2.5/4	32 A	50	**1053860000**	WQV 2.5/4	32 A	50	**1053860000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
Blue Wemid	WAP 2.5-10 BL	1.5 mm	50	**1050080000**	WAP 2.5-10 BL	1.5 mm	50	**1050080000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
Blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Dark beige Wemid								
Testing / Checking								
Standard	WTA 2 WDU2.5-10	5 mm	25	**1632320000**	WTA 2 WDU2.5-10	5 mm	25	**1632320000**
With assembly peg	WTA 2/ZA WDU2.5-10	5 mm	25	**1632330000**	WTA 2/ZA WDU2.5-10	5 mm	25	**1632330000**
Cover								
With lightning flash symbol	WAD 4 GE BED	4.5 mm	50	**1072000000**				
Blank, white	WAD 4 WS	4.5 mm	50	**1072100000**				
Blank, yellow								
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/5 / WS 12/5				DEK 5/5 / WS 12/5			
Note	Socket and test plug, see section "W-Series accessories".				Use a 2.5 / 1 mm² conductor when using the WQB.			

WDU 2.5 — 2.5 mm²



5.1 x 60 x 47
32 / 4
0.05...4

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	25 (C)	20 (C)	21
2.5	AWG 30...12	AWG 26...12	2.5
8 kV / 3			
A3 / V-0			

KEMA 98ATEX1683 U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 2.5	100	1020000000
WDU 2.5 BL	100	1020080000

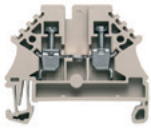
Rated voltage is 400 V when using cross-connection ZQV
Refer to the W-Series Accessories section for colour versions.

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
WEW 35/2	8 mm	100	1061200000
WTA 2 WDU2.5-10	5 mm	25	1632320000
WTA 2/ZA WDU2.5-10	5 mm	25	1632330000
WAD 5 MC NE WS	5 mm	48	1112910000
WAD 5 MC NE GE	5 mm	48	1112920000
DEK 5/5 / WS 12/5			

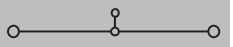
Ensure 2.5 mm² max. when using the WQB. Only 400 V when using the shielding rail LS 2,8 1056400000.

WDU 2.5N — 2.5 mm²

With screwable cross-connection
Compact design



5.1 x 44 x 37.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (D)	300 (D)	440
24	10 (D)	10 (D)	21
2.5	AWG 22...12	AWG 26...12	2.5
6 kV / 3			
A3 / V-0			

KEMA 98ATEX1683 U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 2.5N	100	1023700000
WDU 2.5N BL	100	1023780000

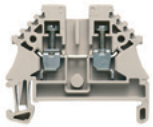
Colour variants listed under the W-Series accessories section, "Specific functions".

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP WDU2.5N/4N	1.5 mm	50	1060000000
WAP WDU2.5N/4N BL	1.5 mm	50	1060080000
EW 35	8.5 mm	50	0383560000
WTA 1 WDU1.5	5 mm	25	1632290000
WTA 1/ZA WDU1.5	5 mm	25	1632300000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000
DEK 5/5 / WS 12/5			

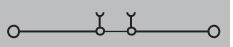
Socket and test plug, see section "W-Series accessories".

WDU 2.5N/ZQV — 2.5 mm²

With pluggable cross-connection
Compact design



5.1 x 44 x 37.5
32 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	300 (C)
24	25 (C)	25 (C)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

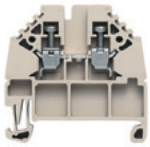
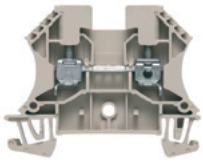
Type	Qty.	Order No.
WDU 2.5N ZQV	100	1040800000
WDU 2.5N ZQV BL	100	1040880000

Rated voltage is 400 V when using the ZQV cross-connector.

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
	Width		
WAP WDU2.5N/4N	1.5 mm	50	1060000000
WAP WDU2.5N/4N BL	1.5 mm	50	1060080000
EW 35	8.5 mm	50	0383560000
WTA 1 WDU1.5	5 mm	25	1632290000
WTA 1/ZA WDU1.5	5 mm	25	1632300000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000
DEK 5/5 / WS 12/5			

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDU 2.5N/600 UL — 2.5 mm²	WDU 4 — 4 mm²
		600V UL/CSA **Compact design**	
			
Width/Length/Height of lowest version	mm	5.1 x 44 x 43.5	6.1 x 60 x 47
max. current / max. cond. cross-section	A/mm²	**32 / 4**	**41 / 6**
Max. clamping range	mm²	**0.05...4**	**0.13...6**

Technical data

		WDU 2.5N/600 UL			WDU 4			
Rated data		IEC 60947-7-1			IEC 60947-7-1		Ex e II	II 2 G D
		IEC	UL	CSA	IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600 (C)	600 (C)	800	600 (C)	600 (C)	690
Rated current	A	24	25 (C)	20 (C)	32	35 (C)	35 (C)	28
Rated cross-section	mm²	2.5	AWG 22...12	AWG 26...12	4	AWG 22...10	AWG 26...10	4
Rated impulse withstand voltage / Pollution severity		8 kV / 3			8 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			A4 / V-0			
Approvals								KEMA 98ATEX1683 U
Clamped conductors (H05V/H07V)		**Rated connection**	**Further connection**		**Rated connection**	**Further connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...6 / 1.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...6 / 0.5...4			
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.5...1 Nm (M 3)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / stranded	mm²	0.5...1.5			0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			0.5...1.5 / 0.5...1.5			
Note		2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			Rated voltage is 400 V when using the ZQV cross-connector. Note max. current of terminal (41 A) when using WQV!			

Ordering data

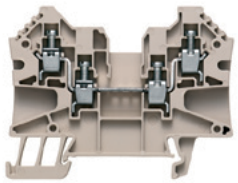
Version	WDU 2.5N/600 UL Type	Qty.	Order No.	WDU 4 Type	Qty.	Order No.
Dark beige Wemid	WDU 2.5N/600UL	100	**1730940000**	WDU 4	100	**1020100000**
Blue Wemid				WDU 4 BL	100	**1020180000**
Note				1000 V DC rated voltage tested. Refer to the W-Series Accessories section for colour versions.		

Accessories

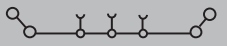
	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole					ZQV 4N/2 GE	32 A	60	**1758250000**
3-pole					ZQV 4N/3 GE	32 A	60	**1762630000**
4-pole					ZQV 4N/4 GE	32 A	60	**1762620000**
10-pole					ZQV 4N/10 GE	32 A	20	**1758260000**
20-/24-pole					ZQV 4N/20 GE	32 A	20	**1909020000**
Screwable cross-connection								
2-pole	WQV 2.5/2	32 A	50	**1053660000**	WQV 4/2	32 A	50	**1051960000**
3-pole	WQV 2.5/3	32 A	50	**1053760000**	WQV 4/3	32 A	50	**1054560000**
4-pole	WQV 2.5/4	32 A	50	**1053860000**	WQV 4/4	32 A	50	**1054660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**	WQV 4/10	41 A	20	**1052060000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDU2.5N/4N	1.5 mm	50	**1060000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
Blue Wemid	WAP WDU2.5N/4N BL	1.5 mm	50	**1060080000**	WAP 2.5-10 BL	1.5 mm	50	**1050080000**
Dark beige Wemid					WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
Blue Wemid					WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Dark beige Wemid								
Testing / Checking								
Standard	WTA 1 WDU1.5	5 mm	25	**1632290000**	WTA 3 WDU4	6 mm	25	**1632350000**
With assembly peg	WTA 1/ZA WDU1.5	5 mm	25	**1632300000**	WTA 3/ZA WDU4	6 mm	25	**1632360000**
Cover								
With lightning flash symbol	WAD 4 GE BED	4.5 mm	50	**1072000000**				
Blank, white	WAD 4 WS	4.5 mm	50	**1072100000**	WAD 5 MC NE WS	5 mm	48	**1112910000**
Blank, yellow					WAD 5 MC NE GE	5 mm	48	**1112920000**
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/5 / WS 12/5				WS 12/6			
Note	Socket and test plug, see section "W-Series accessories".				Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2,8 1056400000.			

WDU 4/ZZ — 4 mm²

Twin connection



6.1 x 70 x 53.5
32 / 6
0.05...6



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	
32	30 (C)	30 (C)	
4	AWG 30...10	AWG 30...10	4
8 kV / 3			
A4 / V-0			

Rated connection	Further connection
0.5...6 / 0.5...6	0.5...6
0.5...4 / 0.5...4	0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4/ZZ	50	**1905060000**

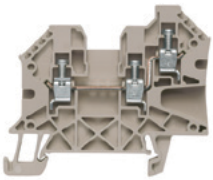
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	**1758250000**
ZQV 4N/3 GE	32 A	60	**1762630000**
ZQV 4N/4 GE	32 A	60	**1762620000**
ZQV 4N/10 GE	32 A	20	**1758260000**
ZQV 4N/20 GE	32 A	20	**1909020000**

	Width		
WAP WDU/WTR4/ZR	1.5 mm	50	**1905070000**
WEW 35/2	8 mm	100	**1061200000**

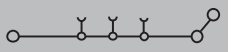
DEK 5/6 / WS 12/6

WDU 4/ZR — 4 mm²

Supplementary connection, right



6.1 x 63.5 x 53.5
32 / 6
0.05...6



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	
32	30 (C)	30 (C)	
4	AWG 30...10	AWG 30...10	4
8 kV / 3			
A4 / V-0			

Rated connection	Further connection
0.5...6 / 0.5...6	0.5...6
0.5...4 / 0.5...4	0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4/ZR	50	**1905140000**

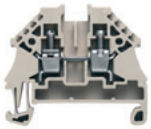
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	**1758250000**
ZQV 4N/3 GE	32 A	60	**1762630000**
ZQV 4N/4 GE	32 A	60	**1762620000**
ZQV 4N/10 GE	32 A	20	**1758260000**
ZQV 4N/20 GE	32 A	20	**1909020000**

	Width		
WAP WDU/WTR4/ZR	1.5 mm	50	**1905070000**
WEW 35/2	8 mm	100	**1061200000**

DEK 5/6 / WS 12/6

WDU 4N — 4 mm²

Compact design



6.1 x 44 x 38.5
39 / 6
0.13...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (D)		440
32	10 (D)		27
4	AWG 26...10		4
6 kV / 3			
A4 / V-0			
			KEMA 98ATEX1683 U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 Nm (M 3)	
11 / 0.6 x 3.5 mm	
0.5...1.5	

Type	Qty.	Order No.
WDU 4N	100	**1042600000**
WDU 4N BL	100	**1042680000**

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	**1758250000**
ZQV 4N/3 GE	32 A	60	**1762630000**
ZQV 4N/4 GE	32 A	60	**1762620000**
ZQV 4N/10 GE	32 A	20	**1758260000**
ZQV 4N/20 GE	32 A	20	**1909020000**

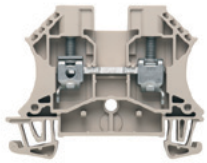
	Width		
WAP WDU2.5N/4N	1.5 mm	50	**1060000000**
WAP WDU2.5N/4N BL	1.5 mm	50	**1060080000**
WTA 1 WDU1.5	5 mm	25	**1632290000**
WTA 1/ZA WDU1.5	5 mm	25	**1632300000**
WAD 4 GE BED	4.5 mm	50	**1072000000**
WAD 4 WS	4.5 mm	50	**1072100000**

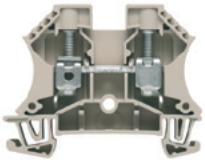
DEK 5/6 / WS 12/6

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDU 6	WDU 10
		6 mm²	10 mm²
Width/Length/Height of lowest version	mm	7.9 x 60 x 47	9.9 x 60 x 47
max. current / max. cond. cross-section	A/mm²	**57 / 10**	**76 / 16**
Max. clamping range	mm²	**0.22...10**	**1.31...16**





Technical data

		WDU 6	WDU 10
IEC 60947-7-1		Ex e II II 2 G D	Ex e II II 2 G D

Rated data		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600 (C)	600 (C)	550	1000	600 (C)	600 (C)	550
Rated current	A	41	50 (C)	50 (C)	36	57	65 (C)	65 (C)	50
Rated cross-section	mm²	6	AWG 22...8	AWG 22...8	6	10	AWG 18...6	AWG 18...6	10
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94		A5 / V-0				B6 / V-0			
Approvals		KEMA 98ATEX1683 U				KEMA 98ATEX1683 U			

Clamped conductors (H05V/H07V)		Rated connection	Further connection	Rated connection	Further connection
Solid / stranded	mm²	0.5...10 / 1.5...10		1.5...16 16	
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6		1.5...16 / 1.5...16	
Tightening torque range (terminal screw)		0.8...1.6 Nm (M 3.5)		1.2...2.4 Nm (M 4)	
Stripping length / Blade size	mm/-	12 / 4.0 x 0.8 mm		12 / 1.0 x 5.5 mm	
2 conductors with same cross-section (H05V/H07V)					
Solid / stranded	mm²	0.5...2.5		1.5...6 / 0.5...6	
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5		0.5...6 / 0.5...6	
Note		Note max. current of terminal (57 A) when using WQV! Conductor connection H07V-..10 and AWG 8 tighten with 1.4-1.6 Nm.		Note max. current of terminal (76 A) when using WQV. AWG 6/7 and H07V-R16 tighten with 2.4 Nm.	

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WDU 6	100	**1020200000**	WDU 10	50	**1020300000**
Blue Wemid	WDU 6 BL	100	**1020280000**	WDU 10 BL	50	**1020380000**
Note	1000 V DC rated voltage tested. Refer to the W-Series Accessories section for colour versions.			For colour variants, refer to the W-Series accessories section, "Specific functions".		

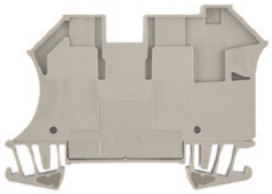
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 6/2	57 A	50	**1052360000**	WQV 10/2	57 A	50	**1052560000**
3-pole	WQV 6/3	57 A	50	**1054760000**	WQV 10/3	57 A	50	**1054960000**
4-pole	WQV 6/4	57 A	50	**1054860000**	WQV 10/4	57 A	50	**1055060000**
10-pole	WQV 6/10	57 A	20	**1052260000**	WQV 10/10	57 A	20	**1052460000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
Blue Wemid	WAP 2.5-10 BL	1.5 mm	50	**1050080000**	WAP 2.5-10 BL	1.5 mm	50	**1050080000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
Blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Testing / Checking								
Standard	WTA 5/1	5 mm	25	**1051260000**	WTA 5/1	5 mm	25	**1051260000**
Cover								
With lightning flash symbol								
Blank, white	WAD 8 MC NE WS	8 mm	48	**1112940000**	WAD 8 MC NE WS	8 mm	48	**1112940000**
Blank, yellow	WAD 8 MC NE GE	8 mm	48	**1112950000**	WAD 8 MC NE GE	8 mm	48	**1112950000**

Identification systems (see assortment in catalogue 7)					
Marking tags	DEK 5/8 / WS 12/6,5		DEK 5/5 / WS 12/6,5		
Note	Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2,8 1056400000.		Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2,8 1056400000.		

WDU 10/ZR — 10 mm²

Supplementary connection, right (4 mm²)



9.9 x 70 x 49.5
76 / 16
1.31...16

IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	600 (C)
57	65 (C)	65 (C)
10	AWG 16...6	AWG 16...6
8 kV / 3		
B6, A4 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...16	0.5...6 / 1.5...4
1...6 / 1.5...16	0.5...4 / 0.5...4
1.2...2.4 Nm (M 4)	
12 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
1.5...6	
1...6 / 1...6	

Note max. current of terminal (76 A) when using WQV. AWG 6/7 and H07V-R16 secured with 2.4 Nm. ZR connection top right A 4.

Type	Qty.	Order No.
WDU 10/ZR	50	**1042400000**
WDU 10/ZR BL	50	**1042480000**

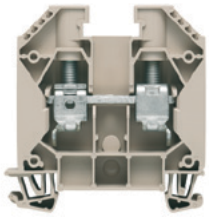
The rated specifications refer to the 10 mm² connection.

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	**1052560000**
WQV 10/3	57 A	50	**1054960000**
WQV 10/4	57 A	50	**1055060000**
WQV 10/10	57 A	20	**1052460000**
	Width		
WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
WEW 35/2	8 mm	100	**1061200000**
WTA 5/1	5 mm	25	**1051260000**

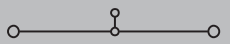
DEK 5/5 / WS 12/6,5
Socket and test plug, see section "W-Series accessories".

WDU 16 — 16 mm²

With peg for higher connection stability



11.9 x 60 x 63
101 / 25
0.82...25



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	690
76	85 (C)	85 (C)	66
16	AWG 18...4	AWG 18...6	16
8 kV / 3			
B7 / V-0			

KEMA 98ATEX1683 U

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
3...4 Nm (M 5)	
16 / 1.0 x 5.5 mm	
1.5...4	
1.5...4 / 1.5...4	

Conductor connection H07V-..16 and AWG 6 with tightening torque of 2.0-2.4 Nm.

Type	Qty.	Order No.
WDU 16/ZA	50	**1028900000**
WDU 16/ZA BL	50	**1028980000**

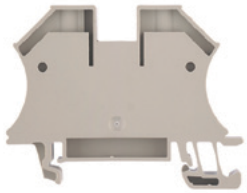
Order no. 1020400000 and 1020480000 (blue) versions without pegs (50 pcs.)

Type	current	Qty.	Order No.
WQV 16/2	76 A	50	**1053260000**
WQV 16/3	76 A	50	**1055160000**
WQV 16/4	76 A	50	**1055260000**
WQV 16/10	76 A	10	**1053360000**
	Width		
WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
WEW 35/1	12 mm	50	**1059000000**
WAD 12 M. BL.	12 mm	50	**1055960000**
WAD 12 NEUTRAL	12 mm	50	**1056260000**

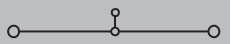
DEK 5/5 / WS 12/6,5
Socket and test plug, see section "W-Series accessories".

WDU 16N — 16 mm²

Suitable for power distribution
Compact design



12 x 60 x 47
101 / 25
1.5...25



IEC 60947-7-1

IEC	UL	CSA
690	300 (C)	300 (C)
76	70 (C)	70 (C)
16	AWG 14...6	AWG 14...6
8 kV / 3		
B7 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	
1.2...2.4 Nm (M 4)	
12 / 1.0 x 5.5 mm	
1.5...4	
1.5...4 / 1.5...4	

AWG 6/7 and H07V-R25 tighten with a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WDU 16N	50	**1036100000**
WDU 16N BL	50	**1036180000**

Type	current	Qty.	Order No.
WQV 16N/2	76 A	50	**1636560000**
WQV 16N/3	76 A	50	**1636570000**
WQV 16N/4	76 A	50	**1636580000**
	Width		
WTW EN	3 mm	20	**1058800000**
WEW 35/2	8 mm	100	**1061200000**
WTA 2 WDU2.5-10	5 mm	25	**1632320000**
WAD 12N GE BED	12 mm	50	**1073200000**
WAD 12 NEUTRAL	12 mm	50	**1056260000**

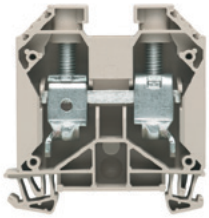
DEK 5/5 / WS 10/12
Socket and test plug, see section "W-Series accessories".

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

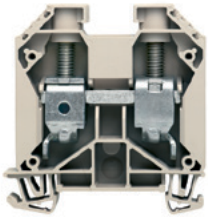
WDU 35 — 35 mm²

Clamping screw / spigot for good connection stability



WDU 35 IK — 35 mm²

Hexagonal socket / spigot for good connection stability



		WDU 35	WDU 35 IK
Width/Length/Height of lowest version	mm	16 x 60 x 63	16 x 60 x 63
max. current / max. cond. cross-section	A/mm²	150 / 50	150 / 50
Max. clamping range	mm²	2.5...50	2.5...50

Technical data

Rated data		WDU 35	WDU 35 IK
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex e II II 2 G D	Ex e II II 2 G D
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
1000	1000 (C)	1000 (C)	690	1000	600 (C)	600 (C)	690
125	150 (C)	150 (C)	109	125	150 (C)	120 (C)	109
35	AWG 12...0	AWG 12...2	35	35	AWG 12...12	AWG 12...2	35
8 kV / 3				8 kV / 3			
B8 / V-0				B8 / V-0			
KEMA 98ATEX1683 U				KEMA 98ATEX1683 U			

Clamped conductors (H05V/H07V)		Rated connection	Further connection	Rated connection	Further connection
Solid / stranded	mm²	2.5...16 / 2.5...50		2.5...16 / 2.5...50	
Flexible / Flexible with ferrule	mm²	2.5...35 / 2.5...35		2.5...35 / 2.5...35	
Tightening torque range (terminal screw)		4...5 Nm (M 6)		4...6 Nm (M 6)	
Stripping length / Blade size	mm/-	18 / 6.5 x 1.2 mm		18 / S6 (DIN 6911)	
2 conductors with same cross-section (H05V/H07V)					
Solid / stranded	mm²	2.5...10 / 16...16		2.5...10 / 16...16	
Flexible / Flexible with ferrule	mm²	2.5...16 / 2.5...16		2.5...16 / 2.5...16	
Note					

Ordering data

Version	WDU 35 Type	Qty.	Order No.	WDU 35 IK Type	Qty.	Order No.
Dark beige Wemid	WDU 35/ZA	40	1028800000	WDU 35/IK/ZA	25	1029000000
Blue Wemid	WDU 35/ZA BL	40	1028880000			
Note	Order no. 1020500000 and 1020580000 (blue) versions without pegs (40 pcs.)			Order no. 1020600000 and 1020680000 (blue) versions without pegs (25 pcs.)		

Accessories

Screwable cross-connection	WDU 35 Type	current	Qty.	Order No.	WDU 35 IK Type	current	Qty.	Order No.
2-pole	WQV 35/2	135 A	50	1053060000	WQV 35/2	135 A	50	1053060000
3-pole	WQV 35/3	112 A	50	1055360000	WQV 35/3	112 A	50	1055360000
4-pole	WQV 35/4	112 A	50	1055460000	WQV 35/4	112 A	50	1055460000
10-pole	WQV 35/10	112 A	10	1053160000	WQV 35/10	112 A	10	1053160000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid								
Blue Wemid								
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000	WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
End bracket								
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000	WEW 35/1	12 mm	50	1059000000
Testing / Checking								
Standard								
Cover								
With lightning flash symbol	WAD 12 M. BL.	12 mm	50	1055960000	WAD 12 M. BL.	12 mm	50	1055960000
Blank, white	WAD 12 NEUTRAL	12 mm	50	1056260000	WAD 12 NEUTRAL	12 mm	50	1056260000
Blank, yellow								

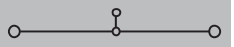
Identification systems (see assortment in catalogue 7)	WDU 35	WDU 35 IK
Marking tags	DEK 5/5 / WS 12/6,5	DEK 5/5 / WS 12/6,5
Note	Socket and test plug, see section "W-Series accessories".	Socket and test plug, see section "W-Series accessories".

WDU 35N

35 mm²

Suitable for power distribution
Compact design

16 x 66 x 51
150 / 50
2.5...50



IEC 60947-7-1

IEC	UL	CSA
500	1000 (C)	300 (D)
125	150 (C)	10 (D)
35	AWG 12...0	AWG 12...2
	6 kV / 3	
	B8 / V-0	

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 Nm (M 6)	
18 / 6.5 x 1.2 mm	
2.5...6	
2.5...6 / 2.5...6	

Type	Qty.	Order No.
WDU 35N	20	**1040400000**
WDU 35N BL	20	**1040480000**

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQV 35N/2	135 A	20	**1079200000**
WQV 35N/3	101 A	20	**1079300000**
WQV 35N/4	101 A	20	**1079400000**
	Width		
WTW EN	3 mm	20	**1058800000**
WEW 35/2	8 mm	100	**1061200000**
WAD 16N GE BED	15.8 mm	50	**1083600000**

DEK 5/5 / WS 12/6,5

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

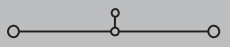
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDU 50N — 50 mm²

Compact design

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

18.5 x 70 x 70.6
192 / 70
10...70



WDU 50N IR — 50 mm²

Six-lobe socket

NEW

18.5 x 70 x 70.6
192 / 70
10...70

Technical data

Rated data		WDU 50N				WDU 50N IR		
		IEC 60947-7-1		Ex e II	II 2 G D	IEC 60947-7-1		
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA
Rated voltage	V	1000	600 (C)	600 (C)	690	1000		
Rated current	A	150	150 (C)	150 (C)	126	150		
Rated cross-section	mm²	50	AWG 10...0	AWG 8...0	50	50		
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		B10 / V-0				B10 / V-0		
Approvals		KEMA 98ATEX1685 U						
Clamped conductors (H05V/H07V)		**Rated connection**	**Further connection**			**Rated connection**	**Further connection**	
Solid / stranded	mm²	10...16 / 10...70				10...16 / 10...70		
Flexible / Flexible with ferrule	mm²	10...50 / 10...50				10...50 / 10...50		
Tightening torque range (terminal screw)		3.5...6 Nm (M 6)				3...6 Nm (M 6)		
Stripping length / Blade size	mm/-	24 / S4 (DIN 6911)				24 /		
2 conductors with same cross-section (H05V/H07V)								
Solid / stranded	mm²	...16 / 6...16				...16 / 6...16		
Flexible / Flexible with ferrule	mm²	6...16 / 6...16				6...16 / 6...16		
Note		Copper straps can be used; see online catalogue for possible connections.						

Ordering data

Version	WDU 50N Type	Qty.	Order No.	WDU 50N IR Type	Qty.	Order No.
Dark beige Wemid	WDU 50N	10	**1820840000**	WDU 50N IR	10	**1186630000**
Blue Wemid	WDU 50N BL	10	**1820850000**			
Note	1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.			1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

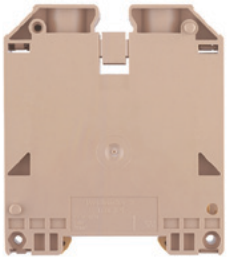
Accessories

Screwable cross-connection	WDU 50N Type	current	Qty.	Order No.	WDU 50N IR Type	current	Qty.	Order No.
2-pole	WQV 50N/2	150 A	5	**1834060000**	WQV 50N/2	150 A	5	**1834060000**
3-pole	WQV 50N/3	150 A	5	**1834070000**	WQV 50N/3	150 A	5	**1834070000**
4-pole	WQV 50N/4	150 A	5	**1834080000**	WQV 50N/4	150 A	5	**1834080000**
End bracket		**Width**				**Width**		
Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**	WEW 35/1	12 mm	50	**1059000000**
Cover								
With lightning flash symbol	WAD 20 GE WSD	18 mm	10	**9512260000**	WAD 20 GE WSD	18 mm	10	**9512260000**
Additional connection								
10 mm²	WZAD 50N	12.5 mm	5	**1872720000**	WZAD 50N	12.5 mm	5	**1872720000**

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 12/6,5	DEK 5/5 / WS 12/6,5
Note	Auxiliary connection for additional conductor "WZAD 50N" 1872720000 (up to 10 mm², 41 A).	

WDU 70N — 70 mm²

Compact design



20.5 x 75 x 86
232 / 95
10...95

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	690
192	195 (C)	205 (C)	167
70	AWG 6...000	AWG 6...000	70
8 kV / 3			
B11 / V-0			
KEMA 98ATEX1683 U			

Rated connection	Further connection
10...16 / 10...95	
10...70 / 10...70	
6...12 Nm (M 8)	
22 / S6 (DIN 6911)	
10...16 / 10...	
10...25 / 6...25	

Copper straps can be used; see online catalogue for possible connections.

Type	Qty.	Order No.
WDU 70N/35	10	9512190000
WDU 70N/35 BL	10	9512420000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQV 70N/2	192 A	5	9512240000
WQV 70N/3	192 A	5	9512250000
WQV 70N/4	192 A	5	9531290000
	Width		
WEW 35/1	12 mm	50	1059000000
WAD 20 GE WSD	18 mm	10	9512260000
WZAD 70N	12.5 mm	5	1964830000

DEK 5/5 / WS 12/6,5

Auxiliary connection for additional conductor "WZAD 70N" 1964830000 (up to 10 mm², 41 A).

WDU 95N/120N — 120 mm²

Compact design

27 x 91 x 91
290 / 150
16...150

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	1000 (C)	880
269	228 (C)	220 (C)	243
120	AWG 4...250	AWG 4...0000	120
8 kV / 3			
B13 / V-0			
KEMA 98ATEX1683 U			

Rated connection	Further connection
16...16 / 16...150	
16...120 / 16...95	
12...20 Nm M 10	
27 / S6 (DIN 6911)	
16...16 / 10...35	
16...35 / 10...35	

Copper strips can be used. See online cat. When connecting AWG conductor of 250 kcmil, use stripping length 30 mm and tightening torque 16 Nm.

Type	Qty.	Order No.
WDU 95N/120N	5	1820550000
WDU 95N/120N BL	5	1820560000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQV 95/120/2	269 A	5	1826890000
WQV 95/120/3	269 A	5	1826900000
WQV 95/120/4	269 A	5	1826910000
	Width		
WEW 35/1	12 mm	50	1059000000
WAD 20 GE WSD	18 mm	10	9512260000
WZAD 95N/120N	12.5 mm	5	1859580000

DEK 5/5 / WS 12/6,5

Auxiliary connection for additional conductor "WZAD 95N/120N" 1859580000 (up to 10 mm², 41 A).

WDU 240 — 240 mm²

36 x 100 x 124
415 / 240
70...240

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	1100
415	380 (C)	400 (C)	300
240		AWG 0...500	240
8 kV / 3			
B15 / V-0			
KEMA 01ATEX2186 U			

Rated connection	Further connection
70...240 / 70...240	
70...240 / 70...185	
25...30 Nm M 10	
40 / S8 (DIN 6911)	
/ 35...95	
50...95 / 35...50	

Copper straps can be used; see online catalogue for possible connections.

Type	Qty.	Order No.
WDU 240	2	1802780000
WDU 240 BL	2	1822210000

Type	current	Qty.	Order No.
WQB 240/2	320 A	5	1802790000
WQB 240/3	320 A	5	1802800000
	Width		
WEW 35/1	12 mm	50	1059000000
WZAD 240	10.15 mm	5	1802810000

DEK 5/5 / WS 12/6,5

Aux. connection for extra conductor "WZAD 240", Order no. 180281000 (up to 10 mm², 57 A) ELPF insertion profile, for ribbon cable, Order no. 1824680000.

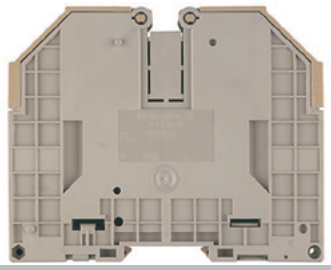
Wires with large cross-sections do not need forceful pushing in. Instead they can be simply inserted into the terminal block.
Direct mounting is possible using the elongated slots in the bottom of the terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

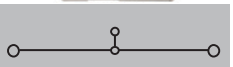
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

WDU 70/95 — 95 mm²

Conductor can be inserted from above / leaf spring

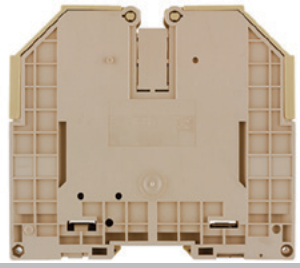


27 x 132 x 115.5
232 / 120
13.3...120

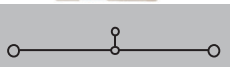


WDU 120/150 — 150 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 125.5
309 / 150
33.63...150



Technical data

Rated data		WDU 70/95				WDU 120/150			
		IEC 60947-7-1		Ex e II	II 2 G D	IEC 60947-7-1		Ex e II	II 2 G D
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000 (C)	600 (C)	690	1000	1000 (C)	600 (C)	1100
Rated current	A	232	175 (C)	205 (C)	202	309	225 (C)	285 (C)	234
Rated cross-section	mm²	95	AWG 6...00	AWG 6...00	95	150	AWG 2...250	AWG 2...250	150
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94		B12 / V-0				B13 / V-0			
Approvals		KEMA 98ATEX1686 U				KEMA 98ATEX1686 U			
Clamped conductors (H05V/H07V)		**Rated connection**	**Further connection**			**Rated connection**	**Further connection**		
Solid / stranded	mm²	16...16 / 16...120				/ 35...150			
Flexible / Flexible with ferrule	mm²	16...95 / 16...95				35...150 / 35...150			
Tightening torque range (terminal screw)		6...12 Nm (M 8)				10...20 Nm M 10			
Stripping length / Blade size	mm/-	30 / S6 (DIN 6911)				35 / S6 (DIN 6911)			
2 conductors with same cross-section (H05V/H07V)									
Solid / stranded	mm²	16...16 / 16...35				...16 / 35...70			
Flexible / Flexible with ferrule	mm²	16...35 / 16...35				35...70 / 35...70			
Note									

Ordering data

Version	WDU 70/95	Qty.	Order No.	WDU 120/150	Qty.	Order No.
Dark beige Wemid	WDU 70/95	10	1024600000	WDU 120/150	10	1024500000
Blue Wemid	WDU 70/95 BL	10	1024680000	WDU 120/150 BL	10	1024580000
Note	Refer to the online catalogue for information on the ribbon cable. Refer to the W-Series accessories section for information on direct mounting.			Refer to the online catalogue for information on the ribbon cable. Refer to the W-Series accessories section for information on direct mounting.		

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 70/95/2	192 A	5	1063500000	WQV 120/2	269 A	5	1063300000
3-pole	WQV 70/95/3	232 A	5	1063600000	WQV 120/3	269 A	5	1063400000
End bracket		**Width**				**Width**		
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000	WEW 35/1	12 mm	50	1059000000
Cover								
With lightning flash symbol	WAD 27 M. BL.	27 mm	10	1062860000	WAD 27 M. BL.	27 mm	10	1062860000
Blank, white	WAD 27 NEUTRAL	27 mm	10	1062960000	WAD 27 NEUTRAL	27 mm	10	1062960000
Additional connection								
4 mm²	WZAD 70/95	19.7 mm	10	1066000000	WZA D120	24 mm	10	1066100000

Identification systems	(see assortment in catalogue 7)		
Marking tags		DEK 5/5 / WS 12/6,5	DEK 5/5 / WS 12/6,5
Note		Auxiliary connection for the additional conductor "WZAD 70", Order no. 1066000000 (up to 4 mm², 32 A).	Auxiliary connection for the additional conductor "WZAD 120", Order no. 1066100000 (up to 4 mm², 32 A).

Double-level terminals

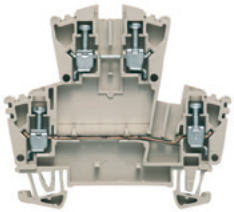
Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

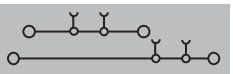
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

WDK 2.5 ZQV — 2.5 mm²

Plug-in cross-connection

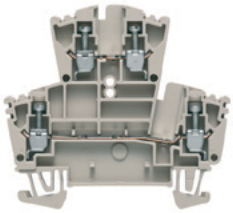


5.1 x 65.4 x 63.5
32 / 4
0.05...4

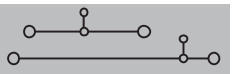


WDK 2.5 — 2.5 mm²

Screwable cross-connection



5.1 x 69 x 63.5
32 / 4
0.05...4



Technical data

Rated data		WDK 2.5 ZQV				WDK 2.5			
		IEC 60947-7-1		Ex e II	II 2 G D	IEC 60947-7-1		Ex e II	II 2 G D
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	400	300 (C)	300 (C)	275	400	300 (C)	300 (C)	275
Rated current	A	24	20 (C)	25 (C)	21	24	20 (C)	10 (C)	21
Rated cross-section	mm²	2.5	AWG 30...12	AWG 26...12	2.5	2.5	AWG 30...12	AWG 26...12	2.5
Rated impulse withstand voltage / Pollution severity		6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0				A3 / V-0			
Approvals									KEMA 98ATEX1687 U
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / stranded	mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)				0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)									
Solid / stranded	mm²	0.5...1.5				0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Note		2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)				2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)			

Ordering data

Version	WDK 2.5 ZQV Type	Qty.	Order No.	WDK 2.5 Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5 ZQV	100	1041100000	WDK 2.5	100	1021500000
Blue Wemid	WDK 2.5 ZQV BL	100	1041180000	WDK 2.5 BL	100	1021580000
Note	Rated voltage is 400 V when using cross-connection ZQV Refer to the W-Series Accessories section for colour versions.			For colour variants, refer to the W-Series accessories section, "Specific functions"		

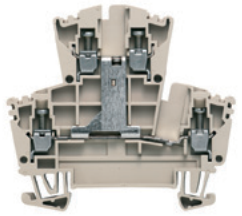
Accessories

Pluggable cross-connection	WDK 2.5 ZQV Type	current	Qty.	Order No.	WDK 2.5 Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000				
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000				
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000				
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000				
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000				
Screwable cross-connection								
2-pole					WQV 2.5/2	32 A	50	1053660000
3-pole					WQV 2.5/3	32 A	50	1053760000
4-pole					WQV 2.5/4	32 A	50	1053860000
10-pole					WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDK2.5	1.5 mm	20	1059100000	WAP WDK2.5	1.5 mm	20	1059100000
Blue Wemid	WAP WDK2.5 BL	1.5 mm	20	1059180000	WAP WDK2.5 BL	1.5 mm	20	1059180000
Dark beige Wemid	WTW EN	3 mm	20	1058800000	WTW EN	3 mm	20	1058800000
End bracket								
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000	WEW 35/1	12 mm	50	1059000000
Screwdriver								
Standard								
Cover								
With lightning flash symbol	WAD 4 GE BED	4.5 mm	50	1072000000	WAD 4 GE BED	4.5 mm	50	1072000000
Blank, white	WAD 4 WS	4.5 mm	50	1072100000	WAD 4 WS	4.5 mm	50	1072100000

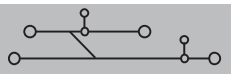
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note	Test plug and socket, see section "W-Series accessories" Ensure 2.5 mm² max. when using the WQB.	Test plug and socket, see section "W-Series accessories" Ensure 2.5 mm² max. when using the WQB.

WDK 2.5 V — 2.5 mm²

Both levels at one potential



5.1 x 69.5 x 63.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	600 (C)	300 (C)	275
24	20 (C)	10 (C)	21
2.5	AWG 22...12	AWG 26...12	2.5
6 kV / 3			
A3 / V-0			
			KEMA 98ATEX1687 U

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WDK 2.5V	100	1022300000
WDK 2.5V BL	100	1022380000

For colour variants, refer to the section on W-Series accessories, "Specific functions"

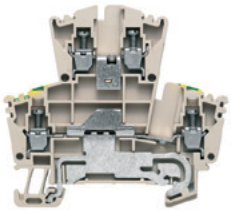
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

DEK 5/5 / WS 8/5

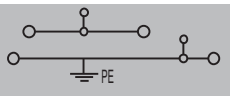
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

WDK 2.5 DU-PE — 2.5 mm²

Lower level earthed on terminal rail



5.1 x 69.5 x 63.5
32 / 4
0.05...4



IEC 60947-7-1 (-7-2) — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300 (C)	300 (D)	275
24	20 (C)	20 (D)	21
2.5	AWG 22...12	AWG 22...12	2.5
6 kV / 3			
A3 / V-0			
			KEMA 98ATEX1687 U

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WDK 2.5DU-PE	100	1036400000

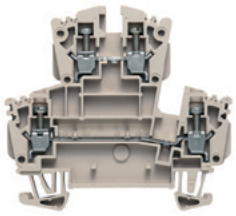
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

DEK 5/5 / WS 8/5

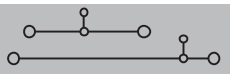
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

WDK 2.5 / 800 V — 2.5 mm²

Rated voltage 800 V



6.1 x 69 x 63.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800			440
24			24
2.5		AWG 26...12	2.5
8 kV / 3			
A3 / V-0			
			KEMA 98ATEX1685 U

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDK 2.5/EX	100	1029100000

Type	current	Qty.	Order No.
Q 2 AKZ4SS	20 A	50	0369000000
Q 10 AKZ4SS	20 A	20	0369300000
	Width		
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/1	12 mm	50	1059000000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

DEK 5/6 / WS 8/5

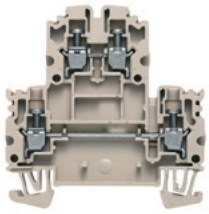
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

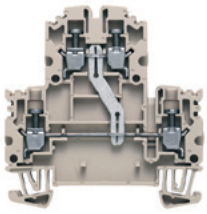
WDK 2.5N — 2.5 mm²

Plug-in cross-connection
Compact design



WDK 2.5N V — 2.5 mm²

Both levels at one potential
Compact design



		WDK 2.5N	WDK 2.5N V
Width/Length/Height of lowest version	mm	5.1 x 60.7 x 62.45	5.1 x 60.7 x 62.45
max. current / max. cond. cross-section	A/mm²	**28 / 4**	**28 / 4**
Max. clamping range	mm²	**0.05...4**	**0.05...4**

Technical data

Rated data		WDK 2.5N	WDK 2.5N V
		IEC 60947-7-1 — Ex e II — II 2 G D	IEC 60947-7-1 — Ex e II — II 2 G D
Rated voltage	V	IEC 800 / UL 600 (C) / CSA 300 (C) / EN 60079-7 550	IEC 800 / UL 600 (C) / CSA 300 (C) / EN 60079-7 550
Rated current	A	24 / 20 (C) / 20 (C) / 21	24 / 20 (C) / 20 (C) / 21
Rated cross-section	mm²	2.5 / AWG 26...12 / AWG 26...12 / 2.5	2.5 / AWG 26...12 / AWG 26...12 / 2.5
Rated impulse withstand voltage / Pollution severity		8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	A3 / V-0
Approvals		KEMA 00ATEX2061 U	KEMA 00ATEX2061 U
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded	mm²	0.5...1.5	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Note		The rated voltage is reduced to 400 V when using the cross-connection ZQV 2.5N.	The rated voltage is reduced to 400 V when using the cross-connection ZQV.

Ordering data

Version	WDK 2.5N — Type	Qty.	Order No.	WDK 2.5N V — Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5N	100	**1041600000**	WDK 2.5N V	100	**1041610000**
Blue Wemid	WDK 2.5N BL	100	**1041680000**			

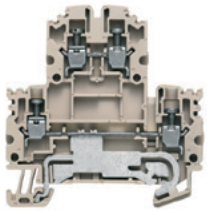
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**	ZQV 2.5N/2 GE	24 A	60	**1693800000**
3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**	ZQV 2.5N/3 GE	24 A	60	**1693810000**
4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**	ZQV 2.5N/4 GE	24 A	60	**1693820000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**	ZQV 2.5N/10 GE	24 A	20	**1693880000**
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	**1909000000**	ZQV 2.5N/20 GE	24 A	20	**1909000000**
Screwable cross-connection								
2-pole								
3-pole								
4-pole								
10-pole								
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDK2.5/4 N	1.5 mm	20	**1084000000**	WAP WDK2.5/4 N	1.5 mm	20	**1084000000**
Blue Wemid	WAP WDK2.5/4 N BL	1.5 mm	20	**1084080000**	WAP WDK2.5/4 N BL	1.5 mm	20	**1084080000**
Dark beige Wemid	WTW EN	3 mm	20	**1058800000**	WTW EN	3 mm	20	**1058800000**
End bracket								
Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**	WEW 35/1	12 mm	50	**1059000000**
Screwdriver								
Standard								
Cover								
With lightning flash symbol								
Blank, white								

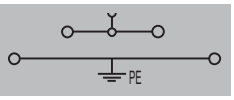
Identification systems	(see assortment in catalogue 7)		
Marking tags		DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note			

WDK 2.5N DU-PE — 2.5 mm²

Lower level earthed on terminal rail
Compact design



5.1 x 60.7 x 62.45
28 / 4
0.05...4



IEC 60947-7-1 (-7-2) — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (D)	550
24	20 (C)	5 (D)	21
2.5	AWG 26...12	AWG 26...12	2.5
8 kV / 3			
A3 / V-0			
			KEMA 00ATEX2061 U

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

The rated voltage is reduced to 400 V when using the cross-connection ZQV. It is prohibited to connect two conductors via the PE connection!

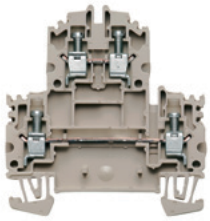
Type	Qty.	Order No.
WDK 2.5N DU-PE	100	1041650000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
	Width		
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000

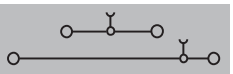
DEK 5/5 / WS 8/5

WDK 4N — 4 mm²

Plug-in cross-connection
Compact design



6.1 x 60 x 64.15
35 / 6
0.13...6



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	300 (C)	550
32	35 (C)	30 (C)	28
4	AWG 26...10	AWG 26...10	4
8 kV / 3			
A4 / V-0			
			KEMA 00ATEX2061 U

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...1 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Rated voltage: 400 V when using ZQV cross-connection
2 wire H07V-U1.5, tighten with 0.6 Nm.

Type	Qty.	Order No.
WDK 4N	100	1041900000
WDK 4N BL	100	1041980000

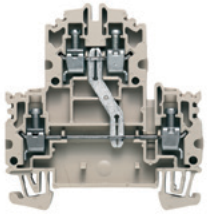
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
	Width		
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000

DEK 5/6 / WS 8/6

Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

WDK 4N V — 4 mm²

Both levels at one potential
Compact design



6.1 x 60.7 x 64.15
35 / 6
0.13...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	300 (C)	550
32	35 (C)	30 (C)	28
4	AWG 26...10	AWG 26...10	4
8 kV / 3			
A4 / V-0			
			KEMA 00ATEX2061 U

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...1 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Rated voltage: 400 V when using ZQV cross-connection
2 wire H07V-U1.5, tighten with 0.6 Nm.

Type	Qty.	Order No.
WDK 4N V	100	1041910000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
	Width		
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000

DEK 5/6 / WS 8/6

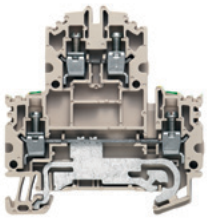
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

Double-level terminals

WDK 4N DU-PE — 4 mm²

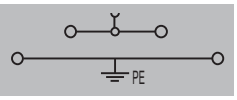
Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

Lower level earthed on terminal rail
Compact design



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	6.1 x 60.7 x 64.15
max. current / max. cond. cross-section	A/mm²	**35 / 6**
Max. clamping range	mm²	**0.13...6**



Technical data

IEC 60947-7-1 (-7-2) Ex e II II 2 G D

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600 (C)	300 (C)	550
Rated current	A	32	35 (C)	30 (C)	28
Rated cross-section	mm²	4	AWG 26...10	AWG 26...10	4
Rated impulse withstand voltage / Pollution severity		8 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94		A4 / V-0			
Approvals					KEMA 00ATEX2061 U

Clamped conductors (H05V/H07V)		Rated connection
Solid / stranded	mm²	0.5...6 / 1.5...6
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	mm²	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5

Note
Rated voltage is 400 V when using the ZQV cross-connector.
It is prohibited to connect two conductors via the PE connection!

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDK 4N DU-PE	100	**1041950000**
Blue Wemid			

Note

Accessories

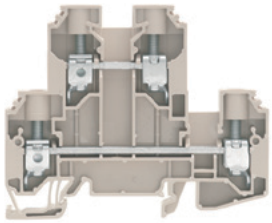
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2 GE	32 A	60	**1758250000**
3-pole	ZQV 4N/3 GE	32 A	60	**1762630000**
4-pole	ZQV 4N/4 GE	32 A	60	**1762620000**
10-pole	ZQV 4N/10 GE	32 A	20	**1758260000**
20-/24-pole	ZQV 4N/20 GE	32 A	20	**1909020000**
Screwable cross-connection				
2-pole				
3-pole				
4-pole				
10-pole				
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WDK2.5/4 N	1.5 mm	20	**1084000000**
Blue Wemid	WAP WDK2.5/4 N BL	1.5 mm	20	**1084080000**
Dark beige Wemid	WTW EN	3 mm	20	**1058800000**
End bracket				
Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**
Screwdriver				
Standard				
Cover				
With lightning flash symbol				
Blank, white				

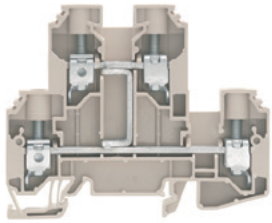
Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/6 / WS 8/6

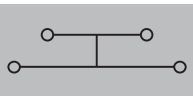
Note
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDK 10	WDK 10 V
		10 mm²	10 mm²
		NEW	NEW
Width/Length/Height of lowest version	mm	9.9 x 85 x 69.5	9.9 x 85 x 69.5
max. current / max. cond. cross-section	A/mm²	76 / 16	76 / 16
Max. clamping range	mm²	1.5...16	1.5...16







Technical data

Rated data		WDK 10			WDK 10 V		
		IEC 60947-7-1			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	800	600 (C)	600 (C)	800	600 (C)	600 (C)
Rated current	A	57	64 (C)	64 (C)	57	49 (C)	49 (C)
Rated cross-section	mm²	10	AWG 18...6	AWG 18...6	10	AWG 18...6	AWG 18...6
Rated impulse withstand voltage / Pollution severity		8 kV / 3			8 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		B6 / V-0			B6 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	1.5...16 / 1.5...16			1.5...16 / 1.5...16		
Flexible / Flexible with ferrule	mm²	1.5...16 / 1.5...16			1.5...16 / 1.5...16		
Tightening torque range (terminal screw)		1.5...2.4 Nm (M 4)			1.5...2.4 Nm (M 4)		
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm			12 / 1.0 x 5.5 mm		
2 conductors with same cross-section (H05V/H07V)							
Solid / stranded	mm²						
Flexible / Flexible with ferrule	mm²						
Note							

Ordering data

Version	WDK 10 Type	Qty.	Order No.	WDK 10 V Type	Qty.	Order No.
Dark beige Wemid	WDK 10	50	1186740000	WDK 10 V	50	1186770000
Blue Wemid	WDK 10 BL	50	1186750000	WDK 10 V BL	50	1186780000
Note						

Accessories

Pluggable cross-connection	WDK 10 Type	current	Qty.	Order No.	WDK 10 V Type	current	Qty.	Order No.
2-pole								
3-pole								
4-pole								
10-pole								
20-/24-pole								
Screwable cross-connection								
2-pole	WQV 10/2	57 A	50	1052560000	WQV 10/2	57 A	50	1052560000
3-pole	WQV 10/3	57 A	50	1054960000	WQV 10/3	57 A	50	1054960000
4-pole	WQV 10/4	57 A	50	1055060000	WQV 10/4	57 A	50	1055060000
10-pole	WQV 10/10	57 A	20	1052460000	WQV 10/10	57 A	20	1052460000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDK10	1.5 mm	20	1186720000	WAP WDK10	1.5 mm	20	1186720000
Blue Wemid	WAP WDK10 BL	1.5 mm	20	1186730000	WAP WDK10 BL	1.5 mm	20	1186730000
Dark beige Wemid								
End bracket								
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000	WEW 35/1	12 mm	50	1059000000
Screwdriver								
Standard	SDS 1.0X5.5X150		1	9008350000	SDS 1.0X5.5X150		1	9008350000
Cover								
With lightning flash symbol								
Blank, white								

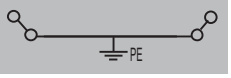
Identification systems (see assortment in catalogue 7)	WDK 10	WDK 10 V
Marking tags	DEK 5/5	DEK 5/5
Note		

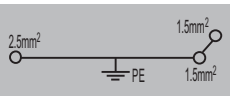
PE terminals

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WPE 1.5/ZZ	WPE 2.5/1.5/ZR
		1.5 mm²	2.5 mm²
		Twin connection	Supplementary connection, right (1.5 mm²)
Width/Length/Height of lowest version	mm	5.1 x 60 x 47	5.1 x 60 x 47
max. cond. cross-section	mm²	2.5	4
Max. clamping range	mm²	0.13...2.5	0.05...4





Technical data

		WPE 1.5/ZZ				WPE 2.5/1.5/ZR			
		IEC 60947-7-2			Ex e II II 2 G D	IEC 60947-7-2			Ex e II II 2 G D
Rated data		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated cross-section	mm²	1.5	AWG 22...14	AWG 26...14	1.5	2.5	AWG 22...12	AWG 26...12	2.5
Rated voltage to adjoining terminal	V	800				800			
Rated impulse withstand voltage to adjacent terminal	kV	8				8			
Rated short-time current		180 A (1.5 mm²)				300 A (2.5 mm²)			
Pollution severity		3				3			
Gauge to IEC 60947-1 / Flammability class UL94		A1 / V-0				A3 / V-0			
Approvals									
Clamped conductors (H05V/H07V)		Rated connection		Further connection		Rated connection		Further connection	
Solid / stranded	mm²	0.5...2.5 / 1.5...2.5		0.5...2.5 / 1.5...2.5		0.5...4 / 1.5...4		0.5...2.5	
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)				0.4...0.6 Nm (M 2.5)			
Tightening torque range for fixing screw		0.4...0.6 Nm (M 2.5)				0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm		7 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	
Note						2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)			

Ordering data

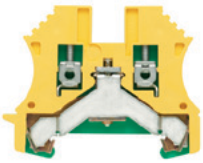
Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	green/yellow Wemid	WPE 1.5/ZZ	100	1016500000	WPE 2.5/1.5/ZR	100	1016400000
Note							

Accessories

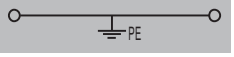
Pluggable cross-connection		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
	2-pole								
	3-pole								
	4-pole								
	10-pole								
	20-/24-pole								
End plate / Partition plate			Width				Width		
	Dark beige Wemid	WAP 2.5-10	1.5 mm	50	1050000000	WAP 2.5-10	1.5 mm	50	1050000000
	Blue Wemid								
	Dark beige Wemid								
End bracket									
	Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
Screwdriver									
	Standard	SDS 0.6X3.5X100		1	9008330000	SDS 0.6X3.5X100		1	9008330000

Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/5 / WS 12/5	DEK 5/5 / WS 12/5
Note		Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).	Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 2.5 — 2.5 mm²



5.1 x 60 x 47
4
0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	2.5
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WPE 2.5	100	1010000000

Type	current	Qty.	Order No.
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

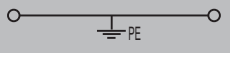
DEK 5/5 / WS 12/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 2.5N — 2.5 mm²

Compact design

5.1 x 54 x 37.5
4
0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5
500			
6			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

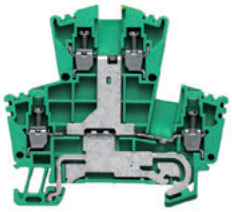
Type	Qty.	Order No.
WPE 2.5N	100	1016200000

Type	current	Qty.	Order No.
	Width		
WAP WDU2.5N/4N	1.5 mm	50	1060000000
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

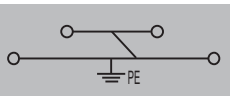
DEK 5/5 / WS 12/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WDK 2.5 PE — 2.5 mm²



5.1 x 69.5 x 63.5
4
0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	2.5
400			
6			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 /	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WDK 2.5PE	100	1036300000

Type	current	Qty.	Order No.
	Width		
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

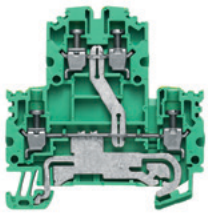
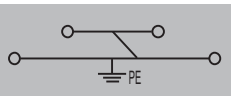
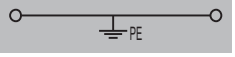
DEK 5/5 / WS 8/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

PE terminals

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDK 2.5N PE	2.5 mm²	WPE 4	4 mm²
		Compact design			
					
Width/Length/Height of lowest version	mm	5.1 x 60.7 x 62.45		6.1 x 56 x 47.5	
max. cond. cross-section	mm²	4		6	
Max. clamping range	mm²	0.05...4		0.13...6	

Technical data

Rated data					
		IEC 60947-7-2		Ex e II II 2 G D	
		IEC	UL	CSA	EN 60079-7
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12	2.5
Rated voltage to adjoining terminal	V	800			
Rated impulse withstand voltage to adjacent terminal	kV	8			
Rated short-time current		300 A (2.5 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			
Approvals					
Clamped conductors (H05V/H07V)					
		Rated connection	Further connection		
Solid / stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			
Tightening torque range for fixing screw					
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note		2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)			

Rated data					
		IEC 60947-7-2		Ex e II II 2 G D	
		IEC	UL	CSA	EN 60079-7
Rated cross-section	mm²	4	AWG 22...10	AWG 26...10	4
Rated voltage to adjoining terminal	V	800			
Rated impulse withstand voltage to adjacent terminal	kV	8			
Rated short-time current		480 A (4 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / Flammability class UL94		A4 / V-0			
Approvals					
Clamped conductors (H05V/H07V)					
		Rated connection	Further connection		
Solid / stranded	mm²	0.5...6 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4			
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)			
Tightening torque range for fixing screw		0.5...1.0 Nm (M 3)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	green/yellow Wemid	WDK 2.5N PE	100	1041620000	WPE 4	100	1010100000
Note							

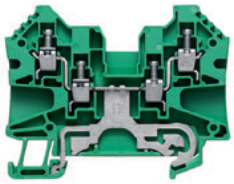
Accessories

Pluggable cross-connection		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
	2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000				
	3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000				
	4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000				
	10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000				
	20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000				
End plate / Partition plate			**Width**						
	Dark beige Wemid	WAP WDK2.5/4 N	1.5 mm	20	1084000000				
	Blue Wemid	WAP WDK2.5/4 N BL	1.5 mm	20	1084080000				
	Dark beige Wemid	WTW EN	3 mm	20	1058800000				
End bracket							**Width**		
	Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
Screwdriver									
	Standard	SDS 0.6X3.5X100		1	9008330000	SDS 0.6X3.5X100		1	9008330000

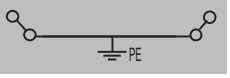
Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/5 / WS 8/5	DEK 5/6
Note		Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).	Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 4/ZZ — 4 mm²

Twin connection



6.1 x 70 x 53
6
0.05...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection	Further connection
0.5...6 / 0.5...4	0.5
0.5...4 / 0.5...4	
0.5...0.8 Nm (M 3)	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZZ	50	**1905130000**

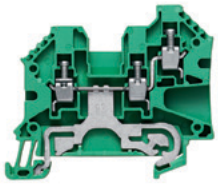
Type	current	Qty.	Order No.
	Width		
WAP WDU/WTR4/ZZ	1.5 mm	50	**1905150000**
WEW 35/2	8 mm	100	**1061200000**
SDS 0.6X3.5X100		1	**9008330000**

DEK 5/6

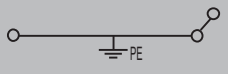
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 4/ZR — 4 mm²

Supplementary connection, right



6.1 x 63.5 x 53.3
6
0.05...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection	Further connection
0.5...6 / 0.5...4	0.5...6
0.5...2.5 / 0.5...4	
0.5...0.8 Nm (M 3)	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZR	50	**1905120000**

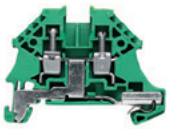
Type	current	Qty.	Order No.
	Width		
WAP WDU/WTR4/ZR	1.5 mm	50	**1905070000**
WEW 35/2	8 mm	100	**1061200000**
SDS 0.6X3.5X100		1	**9008330000**

DEK 5/6

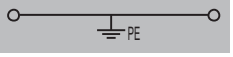
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 4N — 4 mm²

Compact design



6.1 x 50 x 38.5
6
0.13...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
500			
6			
480 A (4 mm²)			
3			
A3 / V-0			

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 Nm (M 3)	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WPE 4N	100	**1042700000**

Type	current	Qty.	Order No.
	Width		
WAP WDU2.5N/4N	1.5 mm	50	**1060000000**
WEW 35/2	8 mm	100	**1061200000**
SDS 0.6X3.5X100		1	**9008330000**

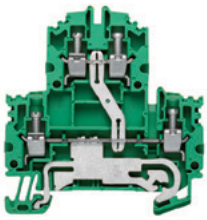
DEK 5/6 / WS 12/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WDK 4N PE — 4 mm²

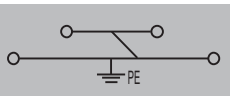
Compact design

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	6.1 x 60.7 x 64.15
max. cond. cross-section	mm²	**6**
Max. clamping range	mm²	**0.13...6**



Technical data

IEC 60947-7-2 — Ex e II — II 2 G D

Rated data	IEC	UL	CSA	EN 60079-7
Rated cross-section mm²	4	AWG 26...10	AWG 26...10	4
Rated voltage to adjoining terminal V	800			
Rated impulse withstand voltage to adjacent terminal kV	8			
Rated short-time current	480 A (4 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / Flammability class UL94	A3 / V-0			
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Further connection
Solid / stranded mm²	0.5...6 / 1.5...6	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	
Tightening torque range (terminal screw)	0.5...1 Nm (M 3)	
Tightening torque range for fixing screw		
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
green/yellow Wemid	WDK 4N PE	100	**1041920000**

Note

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
20-/24-pole				
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WDK2.5/4 N	1.5 mm	20	**1084000000**
Blue Wemid				
Dark beige Wemid				
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**9008330000**

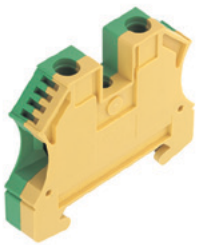
Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/6 / WS 8/6

Note

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WPE 6	6 mm²	WPE 10	10 mm²
					
Width/Length/Height of lowest version	mm	7.9 x 56 x 47		9.9 x 60 x 47	
max. cond. cross-section	mm²	10		16	
Max. clamping range	mm²	0.08...10		1.31...16	

Technical data

Rated data		WPE 6				WPE 10			
		IEC 60947-7-2		Ex e II	II 2 G D	IEC 60947-7-2		Ex e II	II 2 G D
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated cross-section	mm²	6	AWG 20...8	AWG 20...8	66	10	AWG 16...6	AWG 16...6	1010
Rated voltage to adjoining terminal	V	800				1000			
Rated impulse withstand voltage to adjacent terminal	kV	8				8			
Rated short-time current		720 A (6 mm²)				1200 A (10 mm²)			
Pollution severity		3				3			
Gauge to IEC 60947-1 / Flammability class UL94		A5 / V-0				B6 / V-0			
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / stranded	mm²	0.5...10 / 1.5...10				1.5...16 / 1.5...16			
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6				1.5...16 / 1.5...16			
Tightening torque range (terminal screw)		0.8...1.3 Nm (M 3)				1.2...2.4 Nm (M 4)			
Tightening torque range for fixing screw		0.5...1.0 Nm (M 3)				0.5...1.0 Nm (M 3)			
Stripping length / Blade size	mm/-	12 / 4.0 x 0.8 mm				12 / 1.0 x 5.5 mm			
Note		Conductor connection H07V-..10 and AWG 8 tighten with 1.4-1.6 Nm.				AWG 6/7 and H07V-R16 tighten with 2.4 Nm.			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	green/yellow Wemid	WPE 6	50	1010200000	WPE 10	50	1010300000
Note							

Accessories

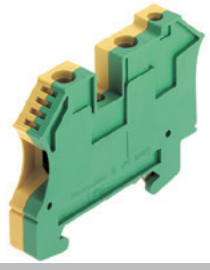
PEN bridge		Type	Width	Qty.	Order No.	Type	Width	Qty.	Order No.
						WQB-PEN 10	14.8 mm	10	1060300000
End bracket									
	Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
Screwdriver									
	Standard	SDS 0.8X4.0X100		1	9008340000	SDS 1.0X5.5X150		1	9008350000

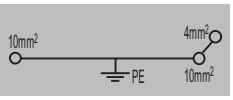
Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/8 / WS 12/6,5	DEK 5/5 / WS 12/6,5
Note		Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).	Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

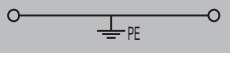
Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WPE 10/ZR 10 mm²	WPE 16 16 mm²
		Supplementary connection, right (4 mm²)	
Width/Length/Height of lowest version	mm	9.9 x 66 x 49.5	11.9 x 56 x 63
max. cond. cross-section	mm²	16	25
Max. clamping range	mm²	1.31...16	1.5...25







Technical data

Rated data		WPE 10/ZR			WPE 16			
		IEC 60947-7-2			IEC 60947-7-2		Ex e II ⟨Ex⟩ II 2 G D	
		IEC	UL	CSA	IEC	UL	CSA	EN 60079-7
Rated cross-section	mm²	10	AWG 16...6	AWG 14...6	16	AWG 14...4	AWG 14...6	1616
Rated voltage to adjoining terminal	V	1000			1000			
Rated impulse withstand voltage to adjacent terminal	kV	8			8			
Rated short-time current		1200 A (10 mm²)			1920 A (16 mm²)			
Pollution severity		3			3			
Gauge to IEC 60947-1 / Flammability class UL94		B6, A4 / V-0			B7 / V-0			
Approvals								
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**	**Rated connection**		**Further connection**	
Solid / stranded	mm²	1.5...16 / 1.5...16		0.5...6 / 1.5...4	1.5...16 / 1.5...25			
Flexible / Flexible with ferrule	mm²	1.5...16 / 1.5...16		0.5...4 / 1.5...16	1.5...25 / 1.5...16			
Tightening torque range (terminal screw)		1.2...2.4 Nm (M 4)			2...3.6 Nm (M 5)			
Tightening torque range for fixing screw		0.5...1.0 Nm (M 3)			1.2...2.4 Nm (M 4)			
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	16 / 1.0 x 5.5 mm			
Note		Max. conductor cross-sections refer to 10 mm² and 16 mm² connections. AWG 6/7 and H07V-R16 tighten with 2.4 Nm.			For 25 mm², the TS 35 x 15 (steel, 1.5 mm thick) should be used. Conductor connection H07V-..16 and AWG 6 with tightening torque of 2.0-2.4 Nm.			

Ordering data

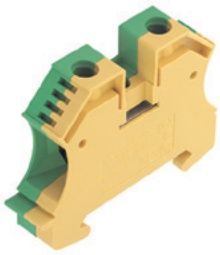
Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	green/yellow Wemid	WPE 10/ZR	50	1042500000	WPE 16	50	1010400000
Note							

Accessories

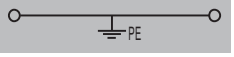
		Type	Width	Qty.	Order No.	Type	Width	Qty.	Order No.
PEN bridge		WQB-PEN 10	14.8 mm	10	1060300000	WQB-PEN 16	17.6 mm	10	1060200000
End bracket	Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/1	12 mm	50	1059000000
Screwdriver	Standard	SDS 0.6X3.5X100		1	9008330000	SDS 1.0X5.5X150		1	9008350000
Identification systems	(see assortment in catalogue 7) Marking tags	DEK 5/5 / WS 12/6,5				DEK 5/5 / WS 12/6,5			
Note		Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).				Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).			

WPE 16N — 16 mm²

Compact design



12 x 56 x 47
25
1.5...25



IEC 60947-7-2

IEC	UL	CSA
16	AWG 14...6	AWG 14...6
400		
6		
1920 A (16 mm²)		
3		
B7 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	
1.2...2.4 Nm (M 4)	
0.5...1.0 Nm (M 3)	
12 / 1.0 x 5.5 mm	

25 mm² stranded requires a tightening torque of 2.2 Nm.

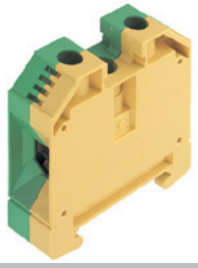
Type	Qty.	Order No.
WPE 16N	50	1019100000

Type	Width	Qty.	Order No.
WQV 16N-PEN BL	9 mm	10	1071360000
WEW 35/2	8 mm	100	1061200000
SDS 1.0X5.5X150		1	9008350000

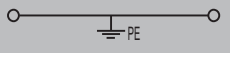
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 35 — 35 mm²



16 x 56 x 63
35
2.5...35



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	3535
800			
8			
4200 A (35 mm²)			
3			
B8 / V-0			

Rated connection	Further connection
2.5...16 / 2.5...35	
2.5...35 / 2.5...35	
5 Nm(M 6)	
1.2...2.4 Nm (M 4)	
18 / 6.5 x 1.2 mm	

Type	Qty.	Order No.
WPE 35	25	1010500000

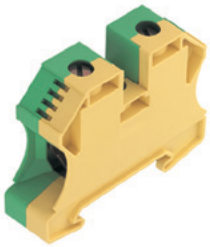
Type	Width	Qty.	Order No.
WQB-PEN 35	24.6 mm	10	1060100000
WEW 35/1	12 mm	50	1059000000
SDS 1.2X6.5X150		1	9009010000

DEK 5/5 / WS 12/6,5

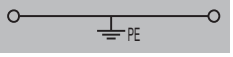
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 35N — 35 mm²

Compact design



16 x 66 x 51
50
2.5...50



IEC 60947-7-2

IEC	UL	CSA
35		
400		
6		
4200 A (35 mm²)		
3		
B8 / V-0		

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
1.8...2.4 Nm (M 6)	
1.2...2.4 Nm (M 4)	
18 / 6.5 x 1.2 mm	

Type	Qty.	Order No.
WPE 35N	20	1717740000

Type	Width	Qty.	Order No.
WEW 35/2	8 mm	100	1061200000
SDS 1.2X6.5X150		1	9009010000

DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

PE terminals

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

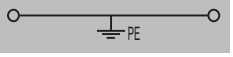
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WPE 50N — 50 mm²

Compact design

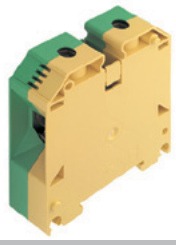
Width/Length/Height of lowest version	mm
max. cond. cross-section	mm²
Max. clamping range	mm²

18.5 x 71 x 70
70
5.26...70

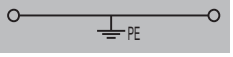


WPE 70N/35 — 70 mm²

Compact design



20.5 x 75 x 86
95
10...95



Technical data

Rated data		WPE 50N				WPE 70N/35			
		IEC 60947-7-2		Ex e II	II 2 G D	IEC 60947-7-2		Ex e II	II 2 G D
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated cross-section	mm²	50	AWG 10...0	AWG 14...0	5050	70	AWG 6...000	AWG 6...000	7070
Rated voltage to adjoining terminal	V	1000				1000			
Rated impulse withstand voltage to adjacent terminal	kV	8				8			
Rated short-time current		6000 A (50 mm²)				8400 A (70 mm²)			
Pollution severity		3				3			
Gauge to IEC 60947-1 / Flammability class UL94		B10 / V-0				B11 / V-0			
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / stranded	mm²	10...16 / 10...70				10...16 / 10...95			
Flexible / Flexible with ferrule	mm²	10...50 / 10...50				10...70 / 10...70			
Tightening torque range (terminal screw)		4...6 Nm (M 6)				6...12 Nm (M 8)			
Tightening torque range for fixing screw		3.0...4.0 Nm (M 5)				2.0...4.0 Nm (M 5)			
Stripping length / Blade size	mm/-	24 / S4 (DIN 6911)				22 / S6 (DIN 6911)			
Note		For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.				For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.			

Ordering data

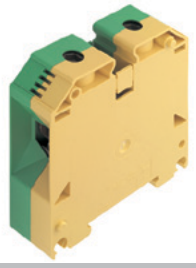
Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	green/yellow Wemid	WPE 50N	10	1846040000	WPE 70N/35	10	9512200000
Note							

Accessories

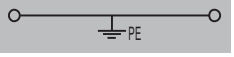
		Type	Width	Qty.	Order No.	Type	Width	Qty.	Order No.
PEN bridge		WQV PEN 50N	9.5 mm	5	9201610000	WQV 70N-PEN	9.5 mm	5	9525840000
End bracket	Dark beige Wemid	WEW 35/1	12 mm	50	1059000000	WEW 35/1	12 mm	50	1059000000
Screwdriver	Standard								
Identification systems	(see assortment in catalogue 7)								
	Marking tags	DEK 5/5 / WS 12/6,5				DEK 5/5 / WS 12/6,5			
Note		Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).				Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).			

WPE 95N/120N — 95 mm²

Compact design



27 x 91 x 91
150
16...150



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
95	AWG 4...000	AWG 4...0000	9595
1000			
8			
11400 A (95 mm²)			
3			
B13 / V-0			

Rated connection	Further connection
16...16 / 16...150	
16...120 / 16...95	
12...20 Nm M 10	
2.0...4.0 Nm (M 5)	
27 / S6 (DIN 6911)	

For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Type	Qty.	Order No.
WPE 95N/120N	5	**1846030000**

UL, CSA and ATEX certifications are pending

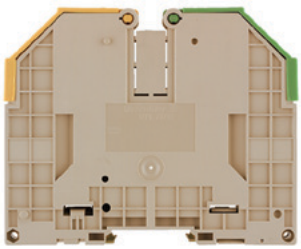
Type	Width	Qty.	Order No.
WQV PEN 95N/120N	9.5 mm	5	**9201630000**
WEW 35/1	12 mm	50	**1059000000**

DEK 5/5 / WS 12/6,5

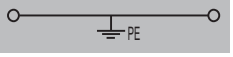
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 70/95 — 95 mm²

Conductor can be inserted from above / leaf spring



27 x 132 x 115.5
120
13.3...120



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
95	AWG 6...00	AWG 6...00	9595
1000			
8			
11400 A (95 mm²)			
3			
B12 / V-0			

Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...95	
6...12 Nm (M 8)	
3.0...6.0 Nm (M 6)	
30 / S6 (DIN 6911)	

For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Type	Qty.	Order No.
WPE 70/95	10	**1037300000**

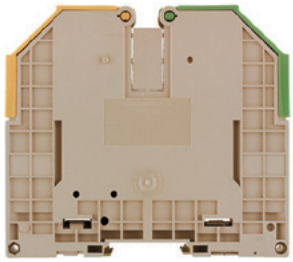
Type	Width	Qty.	Order No.
WQV 70/95-PEN	10 mm	5	**1072300000**
WEW 35/1	12 mm	50	**1059000000**

DEK 5/5 / WS 12/6,5

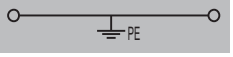
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 120/150 — 120 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 125.5
150
33.62...150



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	120120
1000			
8			
14400 A (120 mm²)			
3			
B13 / V-0			

Rated connection	Further connection
/ 35...150	
35...150 / 35...95	
10...20 Nm M 10	
3.0...6.0 Nm (M 6)	
35 / S6 (DIN 6911)	

For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Type	Qty.	Order No.
WPE 120/150	10	**1019700000**

Type	Width	Qty.	Order No.
WQV 120-PEN	10 mm	5	**1072400000**
WEW 35/1	12 mm	50	**1059000000**

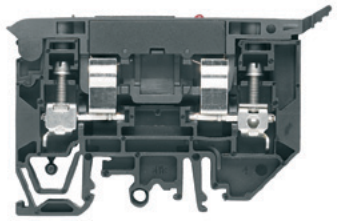
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WSI 4/2 — 4 mm²

WSI 4/2

Overload and short-circuit protection



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	9.1 x 81.6 x 54
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.5...4**

Technical data

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V	500		
Rated current	A	6.3		
Rated cross-section	mm²	4	AWG 22...10	AWG 22...10
Rated impulse withstand voltage / Pollution severity		6 V /		
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0		
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 0.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4		
Tightening torque range (terminal screw)		0.5...0.8 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²	0.5...1.5		
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5		
Note		Width/length/height with TS 32 = 9.1 x 81.6 x 58.5 mm		

IEC 60947-7-3

Type	Order No.
WSI 4/2	**1880430000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	55 °C	4.0 W / 10 A	35 °C	2.5 W / 2.5 A
In combination	68 °C	2.5 W / 2.5 A	41 °C	1.6 W / 1.0 A

Ordering data

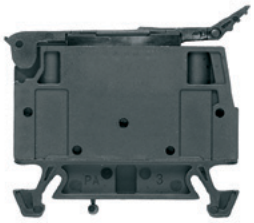
Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	WSI 4/2	25	**1880430000**
10-36 V AC/DC, with LED	WSI 4/2/LD 10-36V AC/DC	25	**1880410000**
30-70 V AC/DC, with LED	WSI 4/2/LD 30-70V AC/DC	25	**1880440000**
60-150 V AC/DC, with LED	WSI 4/2/LD 60-150V AC/DC	25	**1880420000**
140-250 V AC/DC, with LED	WSI 4/2/LD 140-250V AC/DC	25	**1880390000**
Note			

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WSI4/2	2.5 mm	50	**1880450000**
Dark beige Wemid				
Screwdriver				
With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**9008330000**
End bracket				
Dark beige Wemid				
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast				
0.50 A fast				
1.00 A fast				
2.00 A fast				

Identification systems	(see assortment in catalogue 7)	
Marking tags		DEK 5/5 / WS 12/6
Note		Dummy fuse cartridge, Order no. 1582770000

WSI 4 — 4 mm²



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	9.1 x 50.7 x 46
max. current / max. cond. cross-section	A/mm²	**6.3 / 6**
Max. clamping range	mm²	**0.5...6**

Technical data

IEC 60947-7-3

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V	500		
Rated current	A	6.3		
Rated cross-section	mm²	4	AWG 22...12	AWG 22...12
Rated impulse withstand voltage / Pollution severity				
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...0.8 Nm (M 3)		
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm		
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²	...4		
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5		
Note				

WSI 4

Overload and short-circuit protection

Type	Order No.
WSI 4	1886580000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	63 °C	4.0 W / 6.3 A	34 °C	1.6 W / 6.3 A
In combination	47 °C	2.5 W / 6.3 A	23 °C	1.6 W / 6.3 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	WSI 4	50	1886580000
10-36 V AC/DC, with LED	WSI 4/LD 10-36V AC/DC	50	1886590000
30-70 V AC/DC, with LED	WSI 4/LD 30-70V AC/DC	50	1886560000
60-150 V AC/DC, with LED	WSI 4/LD 60-150V AC/DC	50	1886570000
140-250 V AC/DC, with LED	WSI 4/LD 140-250V AC/DC	50	1886550000
Note			

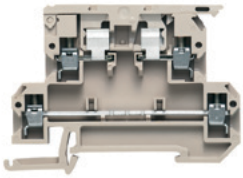
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
End plate / Partition plate				
Dark beige Wemid				
Dark beige Wemid				
Screwdriver		**Width**		
With "swifty set" cutting device	SWIFTY SET	18 mm	1	9006060000
Standard	SDS 0.6X3.5X100		1	9008330000
End bracket				
Dark beige Wemid				
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	0430500000
0.50 A fast	G 20/0.50A/F		10	0430600000
1.00 A fast	G 20/1.00A/F		10	0430700000
2.00 A fast	G 20/2.00A/F		10	0430900000

Identification systems	(see assortment in catalogue 7)	
Marking tags		DEK 5/5 / WS 12/6
Note		

KDKS 1/35 DB — 4 mm²

Metric fuses 5 x 20 mm



KDKS 1/35 DB

Overload and short-circuit protection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	8 x 73.5 x 54.6
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.22...4**

Technical data

IEC 60947-7-3

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V	500	300 (C)	300 (D)
Rated current	A	6.3	10 (C)	10 (D)
Rated cross-section	mm²	4	AWG 22...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4		
Tightening torque range (terminal screw)		0.5...0.8 Nm (M 3)		
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm		
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²	0.5...1.5		
Flexible / Flexible with ferrule	mm²			
Note		Note: max. conductor size = 2.5 mm² when using the cross-connector.		

Type	Order No.
KDKS 1/35 DB	**9532440000**

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	23 °C*	4.0 W / 10 A*	41 °C	1.6 W / 6.3 A
In combination	50 °C*	1.6 W / 6.3 A	23 °C	1.6 W / 6.3 A

*) Values not available → The values specified were not measured but instead read from the derating curves and transferred to the "only short-circuit protection" operating mode.

Ordering data

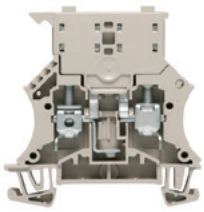
Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	KDKS 1/35 DB	50	**9532440000**
10-36 V AC/DC, with LED			
30-70 V AC/DC, with LED			
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED			
Note	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
End plate / Partition plate		**Width**		
Dark beige Wemid	AP KDKS1 DB	1.5 mm	20	**9532470000**
Dark beige Wemid				
Screwdriver				
With "swifty set" cutting device				
Standard				
End bracket				
Dark beige Wemid				
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/8			
Note				

WSI 6 — 6 mm²

Metric fuses

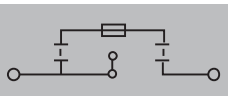


WSI 6

Overload and short-circuit protection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	7.9 x 60 x 62
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V	500	600 (C)	600 (C)
Rated current	A	6.3	9.5 (C)	10 (C)
Rated cross-section	mm²	6	AWG 20...8	AWG 20...8
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A5 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...10 / 1.5...10		
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6		
Tightening torque range (terminal screw)		0.8...1.6 Nm (M 3.5)		
Stripping length / Blade size	mm/-	12 / 4.0 x 0.8 mm		
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²	0.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5		
Note				

Type	Order No.
WSI 6	**1011000000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual			31 °C	1.6 W / 3.0 A
In combination			27 °C	1.6 W / 3.0 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	WSI 6	50	**1011000000**
10-36 V AC/DC, with LED			
30-70 V AC/DC, with LED			
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED			
Note	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

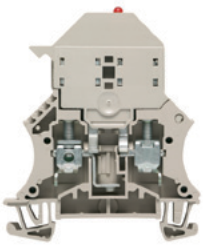
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK6N	32 A	50	**0194300000**
3-pole	QL 3 SAK6N	57 A	50	**0194400000**
4-pole	QL 4 SAK6N	57 A	50	**0194500000**
10-pole	QL 10 SAK6N	32 A	20	**0338300000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
Screwdriver				
With "swifty set" cutting device				
Standard	SDS 0.8X4.0X100		1	**9008340000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**

Identification systems	(see assortment in catalogue 7)	
Marking tags	DEK 5/8 / WS 12/6,5	
Note	Screw M 3x5 Order no. 1052100000 for QL 2 - QL 10.	

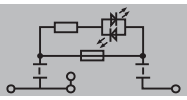
WSI 6 LD — 6 mm²

Metric fuses / bipolar LED



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	7.9 x 60 x 72
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V			
Rated current	A	6.3		
Rated cross-section	mm²	6	AWG 20...8	AWG 20...8
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A5 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...10 / 1.5...10		
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6		
Tightening torque range (terminal screw)		0.8...1.6 Nm (M 3.5)		
Stripping length / Blade size	mm/-	12 / 4.0 x 0.8 mm		
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²	0.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5		
Note				

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED			
10-36 V AC/DC, with LED	WSI 6/LD 10-36V DC/AC	50	**1011300000**
30-70 V AC/DC, with LED	WSI 6/LD 30-70V DC/AC	50	**1012200000**
60-150 V AC/DC, with LED	WSI 6/LD 60-150V DC/AC	50	**1012300000**
140-250 V AC/DC, with LED	WSI 6/LD 250AC	50	**1012400000**
Note	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

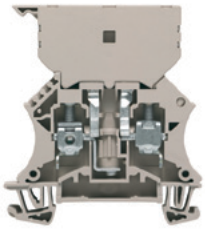
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK6N	32 A	50	**0194300000**
3-pole	QL 3 SAK6N	57 A	50	**0194400000**
4-pole	QL 4 SAK6N	57 A	50	**0194500000**
10-pole	QL 10 SAK6N	32 A	20	**0338300000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
Screwdriver				
With "swifty set" cutting device				
Standard	SDS 0.8X4.0X100		1	**9008340000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**

Identification systems	(see assortment in catalogue 7)	
	Marking tags	DEK 5/8 / WS 12/6,5
Note		Screw M 3x5 Order no. 1052100000 for QL 2 - QL 10.

WSI 6/2 — 6 mm²

Imperial fuses

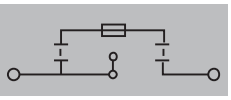


WSI 6/2

Overload and short-circuit protection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	11.9 x 60 x 67
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V	500	600 (C)	150 (C)
Rated current	A	6.3	16 (C)	16 (C)
Rated cross-section	mm²	6	AWG 22...8	AWG 20...6
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A5 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...10 / 1.5...10		
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6		
Tightening torque range (terminal screw)		0.8...1.6 Nm (M 3.5)		
Stripping length / Blade size	mm/-	12 / 4.0 x 0.8 mm		
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²	0.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5		
Note		Fuse inserts or contact sleeves should be attached in the middle.		

Type	Order No.
WSI 6/2 GZ/DEF63	**1014000000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	WSI 6/2 GZ/DEF63	25	**1014000000**
10-36 V AC/DC, with LED			
30-70 V AC/DC, with LED			
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED			
Note	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

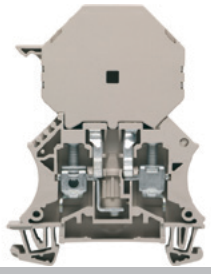
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
3-pole	QL 3 SAK16	76 A	50	**0470800000**
4-pole	QL 4 SAK16	76 A	50	**0470900000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	GZ 2.0A		10	**0294500000**
1.00 A medium slow / 3 A	GZ 3.0A		10	**0295700000**
2.00 A fast / 5 A	GZ 5.0A		10	**0294600000**
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**

Identification systems	(see assortment in catalogue 7)	
Marking tags		DEK 5/8 / WS 12/6,5
Note		Refer to the W-Series accessories section for cross-connection information.

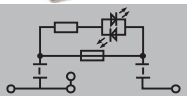
WSI 6/2 m. LED — 6 mm²

Imperial fuses / bipolar LED



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	11.9 x 60 x 79.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V			
Rated current	A	6.3		
Rated cross-section	mm²	6	AWG 22...8	AWG 20...6
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A5 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...10 / 1.5...10		
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6		
Tightening torque range (terminal screw)		0.8...1.6 Nm (M 3.5)		
Stripping length / Blade size	mm/-	12 / 4.0 x 0.8 mm		
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²	0.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5		
Note		Fuse inserts or contact sleeves should be attached in the middle.		

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED			
10-36 V AC/DC, with LED	WSI 6/2/LD 10-36V DC/AC	25	**1014100000**
30-70 V AC/DC, with LED	WSI 6/2/LD 30-70V DC/AC	25	**1014200000**
60-150 V AC/DC, with LED	WSI 6/2/LD 60-150VDC/AC	25	**1014300000**
140-250 V AC/DC, with LED	WSI 6/2/LD 250AC	25	**1014400000**
Note	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
3-pole	QL 3 SAK16	76 A	50	**0470800000**
4-pole	QL 4 SAK16	76 A	50	**0470900000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	GZ 2.0A		10	**0294500000**
1.00 A medium slow / 3 A	GZ 3.0A		10	**0295700000**
2.00 A fast / 5 A	GZ 5.0A		10	**0294600000**
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**

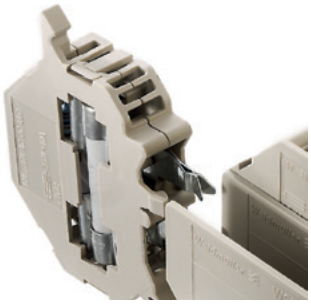
Identification systems	(see assortment in catalogue 7)	
Marking tags	DEK 5/8 / WS 12/6,5	
Note	Refer to the W-Series accessories section for cross-connection information.	

WSI 6 LD LLC fused terminal blocks with minimised leakage current

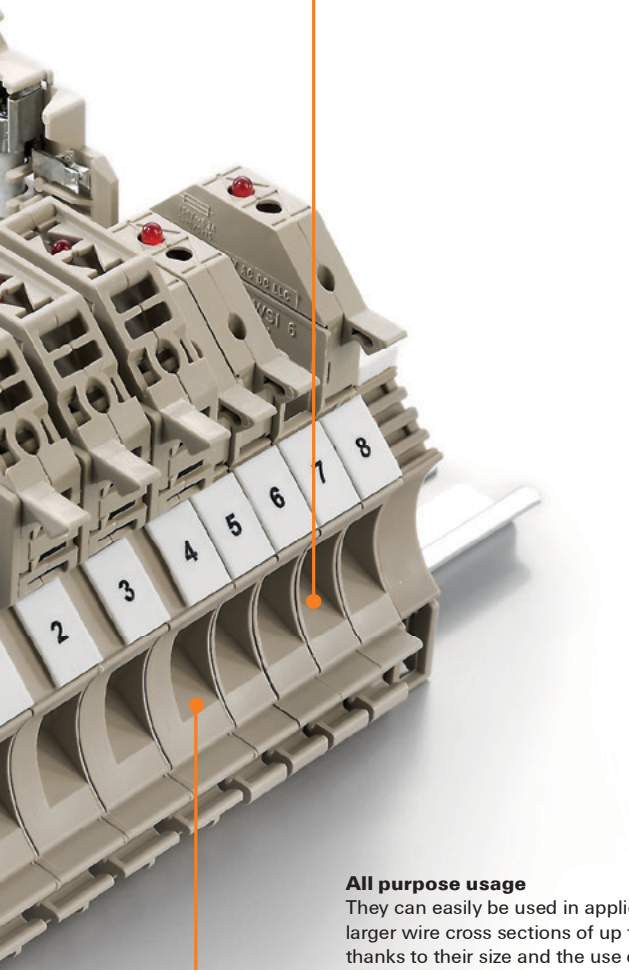
Clearly visible status LED with extremely low leakage current for error indication with an optimal energy balance

Weidmüller has extended its line of screw connect fuse terminals to include the WSI 6 LD LLC and WSI 6/2 LD LLC variants. The terminals have bright status displays which are wired in parallel with the fuse so that, in the event of an outage, the fuse supplies a low leakage current to the LEDs. Since this is undesired current, it is maintained at the lowest level possible. Weidmüller's BFI (Blown Fuse Indicator) circuitry is designed for a reduced leakage current of less than 500 µA. Despite the reduced leakage current, the status displays are still very bright and thus always easy to see.
The leakage current of the bipolar LED circuitry complies with the CSA standard C22.2 No. 39 for fuse holder units and the UL standard 512 for fuse holders.

Fuse is convenient to replace
The fuse holder is easy to access and can pivot, so you can quickly and safely replace a blown fuse.

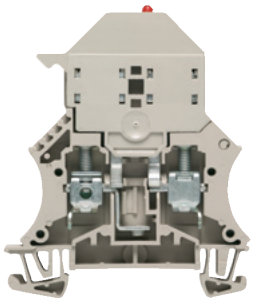


Good cable visibility
Because of the broad width, visibility remains clear and accessible even with many wires connected.

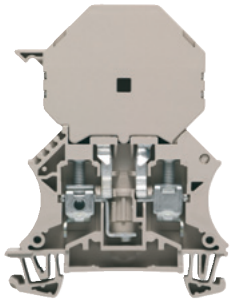


All purpose usage
They can easily be used in applications with larger wire cross sections of up to 10 mm², thanks to their size and the use of larger connection elements.

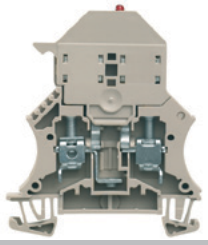
WSI 6 LD LLC
The WSI-6-LD-LLC variants, with their thin 7.9 mm width, are perfect for use with the 5 x 20 mm fuses.



WSI 6/2 LD LLC
The WSI-6/2-LD-LLC variants, with their width of 11.9 mm, are the best solution for use with 1¼" x ¼" fuses.

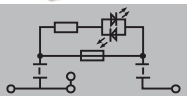


WSI 6/LD LLC — 6 mm²



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	7.9 x 60 x 72
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V	500	600 (C)	250 (C)
Rated current	A	6.3	10 (C)	6.3 (C)
Rated cross-section	mm²	6	AWG 22...8	AWG 20...8
Rated impulse withstand voltage / Pollution severity			/ 3	
Gauge to IEC 60947-1 / Flammability class UL94			A5 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...10 / 1.5...10		
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6		
Tightening torque range (terminal screw)		0.8...1.6 Nm (M 3.5)		
Stripping length / Blade size	mm/-	/ 4.0 x 0.8 mm		
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5		
Note				

Ordering data

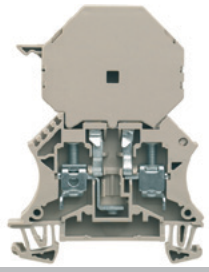
Version	Type	Qty.	Order No.
10-36 V AC/DC, with LED	WSI 6/LD 10-36V LLC	50	**1119840000**
30-70 V AC/DC, with LED	WSI 6/LD 30-70V LLC	50	**1119830000**
60-150 V AC/DC, with LED	WSI 6/LD 60-150V LLC	50	**1119850000**
140-250 V AC/DC, with LED	WSI 6/LD 250AC LLC	50	**1119870000**
Note			

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK6N	32 A	50	**0194300000**
3-pole	QL 3 SAK6N	57 A	50	**0194400000**
4-pole	QL 4 SAK6N	57 A	50	**0194500000**
10-pole	QL 10 SAK6N	32 A	20	**0338300000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**9008340000**

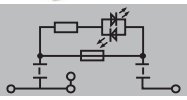
Identification systems	(see assortment in catalogue 7)	
	Marking tags	DEK 5/8 / WS 12/6,5
Note		

WSI 6/2/LD LLC — 6 mm²



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	11.9 x 60 x 79.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V	500	600 (C)	150 (C)
Rated current	A	6.3	10 (C)	6.3 (C)
Rated cross-section	mm²	6	AWG 22...8	AWG 20...8
Rated impulse withstand voltage / Pollution severity			/ 3	
Gauge to IEC 60947-1 / Flammability class UL94			A5 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...10 / 1.5...10		
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6		
Tightening torque range (terminal screw)		0.8...1.6 Nm (M 3.5)		
Stripping length / Blade size	mm/-	/ 4.0 x 0.8 mm		
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5		
Note				

Ordering data

Version	Type	Qty.	Order No.
10-36 V AC/DC, with LED	WSI 6/2/LD 10-36V LLC	25	**1119800000**
30-70 V AC/DC, with LED	WSI 6/2/LD 30-70V LLC	25	**1119810000**
60-150 V AC/DC, with LED	WSI 6/2/LD 60-150V LLC	25	**1119820000**
140-250 V AC/DC, with LED	WSI 6/2/LD 250AC LLC	25	**1119790000**
Note			

Accessories

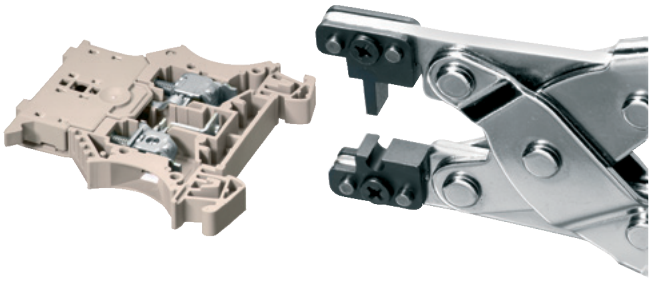
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
3-pole	QL 3 SAK16	76 A	50	**0470800000**
4-pole	QL 4 SAK16	76 A	50	**0470900000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	GZ 2.0A		10	**0294500000**
1.00 A medium slow / 3 A	GZ 3.0A		10	**0295700000**
2.00 A fast / 5 A	GZ 5.0A		10	**0294600000**
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**9008340000**

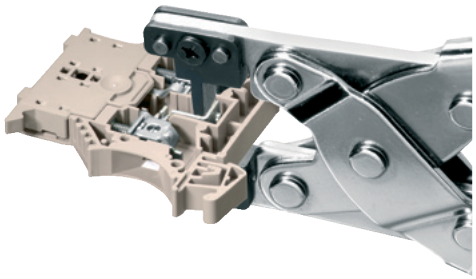
Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/8 / WS 12/6,5
Note	

Cross-connections with test-disconnect terminal / fuse terminal WSI 6

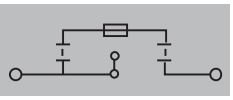
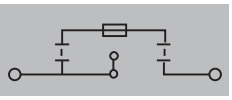
WSI 6 installation

To install, screw the cross-connection lugs QL X SAK6N directly to the current bar (Order No. 1052100000 KISC M3X5). To do this, push out the pre-punched side window of the terminal carrier with the help of tool WAW 2 (order No. 9004510000) and clip the terminal in place. Now open the fuse holder and insert the fixing screw. Slip the cross-connection lug in through the punched opening in the side of the terminal carrier and secure it with the fixing screw.
Important! The side window of the last terminal may not be broken out as otherwise the rated voltage cannot be guaranteed.





In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WSI 25 10x38	25 mm²	WSI 25 CC	25 mm²
Width/Length/Height of lowest version	mm	36 x 58 x 58		18 x 58 x 58	
max. current / max. cond. cross-section	A	**32 / 25**		**32 / 25**	
Max. clamping range	mm²	**1.5...25**		**1.5...25**	

Technical data

Rated data		WSI 25 10x38	WSI 25 CC
		IEC 60947-7-3	IEC 60947-7-3
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage to adjoining terminal	V	690 / 600 (C)	690
Rated current	A	32 / 30 (C)	32
Rated cross-section	mm²	25 / AWG 14...3	25 / AWG 18...4
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		/ V-0	/ V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	1.5...25 / 1.5...25	1.5...25 / 1.5...25
Flexible / Flexible with ferrule	mm²	1.5...25 / 1.5...25	1.5...25 / 1.5...25
Tightening torque range (terminal screw)		2...2.5 Nm	2...2.5 Nm
Stripping length / Blade size	mm/-		
Note		Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum.	Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum.

Ordering data

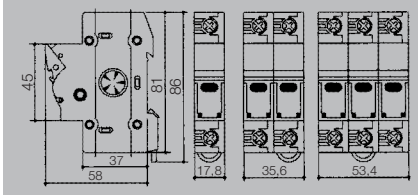
Version	WSI 25 10x38 Type	Qty.	Order No.	WSI 25 CC Type	Qty.	Order No.
1-pole, without LED	WSI 25/1 10x38	12	1966020000	WSI 25/1 CC	12	1966050000
2-pole, without LED	WSI 25/2 10x38	6	1966090000	WSI 25/2 CC	6	1966040000
3-pole, without LED	WSI 25/3 10x38	4	1966080000	WSI 25/3 CC	4	1966030000
1-pole, with LED	WSI 25/1 10x38/LED	12	1966060000	WSI 25/1 CC/LED	12	1966070000
Note						

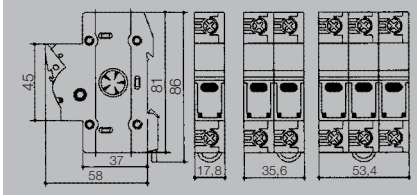
Accessories

Type	Width	Qty.	Order No.	Type	Width	Qty.	Order No.

Identification systems	(see assortment in catalogue 7)		
Marking tags		ESG 6/15	ESG 6/15
Note			

Technical drawing



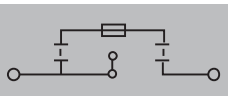


WSI 25/1 10x38 1KV — 25 mm²

NEW

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	18 x 58 x 58
max. current / max. cond. cross-section	A/mm²	**32 / 25**
Max. clamping range	mm²	**1.5...25**



Technical data

IEC 60947-7-3

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V	1000		
Rated current	A	32		
Rated cross-section	mm²	25		
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection
Solid / stranded	mm²	1.5...25 / 1.5...25
Flexible / Flexible with ferrule	mm²	1.5...25 / 1.5...25
Tightening torque range (terminal screw)		2...2.5 Nm
Stripping length / Blade size	mm/-	

Note	
	Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum.

Ordering data

Version	Type	Qty.	Order No.
1-pole, without LED	WSI 25/1 10x38 1KV	12	**1137790000**
1-pole, with LED	WSI 25/1 10X38/LED 1KV	12	**1137780000**

Note

Accessories

Safety fuses	Type	Width	Qty.	Order No.
2 A	FUSE 1KV DC 2A 10/38		10	**1224870000**
4 A	FUSE 1KV DC 4A 10/38		10	**1224880000**
6 A	FUSE 1KV DC 6A 10/38		10	**1224890000**
8 A	FUSE 1KV DC 8A 10/38		10	**1224900000**
10 A	FUSE 1KV DC 10A 10/38		10	**1224910000**
12 A	FUSE 1KV DC 12A 10/38		10	**1224920000**
16 A	FUSE 1KV DC 16A 10/38		10	**1224930000**
20 A	FUSE 1KV DC 20A 10/38		10	**1224950000**

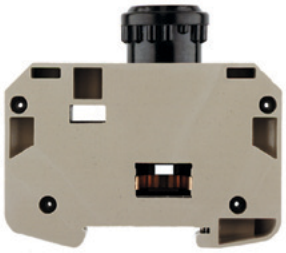
(see assortment in catalogue 7)

Note

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

SAKS 2/35 DB — 10 mm²

D fuses E 16



Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

27.6 x 80 x 75
10 / 16
0.22...16

SAKS 4/35 DB — 10 mm²

D 01 fuses E 14

24 x 75 x 66
16 / 16
0.22...16

Technical data

Rated data		SAKS 2/35 DB (IEC 60947-7-3)			SAKS 4/35 DB (IEC 60947-7-3)		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage to adjoining terminal	V	500		600 (C)	400	600 (C)	600 (C)
Rated current	A	10		25 (C)	16	30 (C)	30 (C)
Rated cross-section	mm²	10		AWG 22...8	10	AWG 22...8	AWG 22...8
Rated impulse withstand voltage / Pollution severity				6 kV / 3		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94				B6 / V-0		B6 / V-0	
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...16 / 0.5...10			0.5...16 / 0.5...10		
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...10			0.5...10 / 0.5...10		
Tightening torque range (terminal screw)		1.2...2.4 Nm (M 4)			1.2...2.4 Nm (M 4)		
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm			14 / 1.0 x 5.5 mm		
Note		Connections for stranded conductors from 10 mm² and AWG conductors require a tightening torque of 2 Nm.			400 V also available with Neozed shipbuilding fuse. When connecting wires of 10 mm² or larger; the torque for stranded and 7-core AWG wires is 2 Nm.		

Ordering data

Version	SAKS 2/35 DB			SAKS 4/35 DB		
	Type	Qty.	Order No.	Type	Qty.	Order No.
500 V AC/DC, w/o LED	SAKS 2/35 DB	20	1368700000	SAKS 4/35 DB	20	0501800000
Note	Material Duroplast KRG			Material Duroplast KRG		

Accessories

	SAKS 2/35 DB Type	current	Qty.	Order No.	SAKS 4/35 DB Type	current	Qty.	Order No.
Screwable cross-connection								
2-pole	QL 2 SAKS2	36 A	20	0207800000	QL 2 SAKS4	36 A	20	0328000000
3-pole					QL 3 SAKS4	36 A	20	0328100000
4-pole	QL 4 SAKS2	36 A	20	0208000000				
10-pole	QL 10 SAKS2	36 A	20	0338900000	QL 10 SAKS4	36 A	20	0339000000
Lock washer	SS M4 D 128-A 4		100	0136400000	SS M4 D 128-A 4		100	0136400000
Mounting screw	BFSC M4X9T		100	0103300000	BFSC M4X9T		100	0103300000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WTW EN	3 mm	20	1058800000	WTW EN	3 mm	20	1058800000
Screw cover cap								
SK	SK E16/SAKS2		25	0284110000	SK E14 SAKS4		20	0339410000
Fuse cartridges								
	E 16/10A RT TNDZ		25	0208500000	E 14/2A RS		10	0137400000
	E 16/16A GR TNDZ		25	0208600000	E 14/4A BR		10	0137500000
	E 16/20A BL TNDZ		25	0208700000	E 14/6A GN		10	0328300000
	E 16/25A GE TNDZ		25	0208800000	E 14/10A RT		10	0328400000
Gauge rings								
	P 16/10 RT SAKS2		100	0208900000	P 14/2 D01 RS SAKS4		50	0138000000
	P 16/16 GR SAKS2		100	0209000000	P 14/4 D01 BR SAKS4		50	0138100000
	P 16/20 BL SAKS2		100	0209100000				
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/5				DEK 5/5			
Note	Replacement screw cover cap, Order no. 0284110000 (qty. 20).				Replacement screw cover cap, Order no. 0339410000 (qty. 20).			

SAKS 5/35 DB — 10 mm²

D 02 fuse E 18

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	28 x 80 x 66
max. current / max. cond. cross-section	A/mm²	**63 / 16**
Max. clamping range	mm²	**1.5...16**

Technical data

IEC 60947-7-3

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V	400	600 (C)	600 (C)
Rated current	A	57	40 (C)	63 (C)
Rated cross-section	mm²	10	AWG 14...6	AWG 14...6
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		B7 / V-0		
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	1.5...16 / 1.5...16		
Flexible / Flexible with ferrule	mm²	1.5...16 / 1.5...16		
Tightening torque range (terminal screw)		1.2...2.4 Nm (M 4)		
Stripping length / Blade size	mm/-	13 / 1.0 x 5.5 mm		
Note		400 V also available with Neozed shipbuilding fuse. When connecting wires of 10 mm² or larger, the torque for stranded and 7-core AWG wires is 2 Nm.		

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	SAKS 5/35 DB	20	**0502100000**
Note	Material Duroplast KRG		

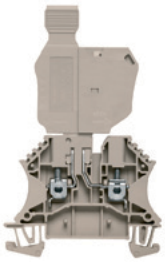
Accessories

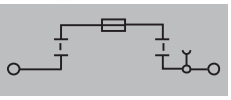
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAKS2	36 A	20	**0207800000**
3-pole				
4-pole	QL 4 SAKS2	36 A	20	**0208000000**
10-pole	QL 10 SAKS2	36 A	20	**0338900000**
Lock washer	SS M4 D 128-A 4		100	**0136400000**
Mounting screw	BFSC M4X9T		100	**0103300000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WTW EN	3 mm	20	**1058800000**
Screw cover cap				
SK	SK E18 SAKS5		20	**0359310000**
Fuse cartridges				
	E 18/20A BL		10	**0361300000**
	E 18/25A GE		10	**0361400000**
	E 18/35A SW		10	**0361500000**
Gauge rings				
	P 18/20 D02 BL SAKS5		50	**0361800000**
	P 18/25 D02 GE SAKS5		50	**0361900000**
	P 18/35 D02 SW SAKS5		50	**0362000000**
	P 18/50 D02 WS SAKS5		50	**0362100000**

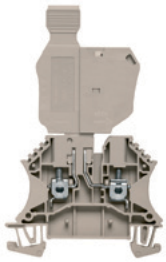
Identification systems	(see assortment in catalogue 7)	
	Marking tags	DEK 5/5
Note		Replacement screw cover cap, Order no. 0359310000 (qty. 20).

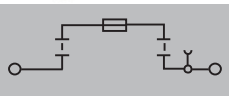
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WTR 2.5/SI 2.5 mm²	WTR 4/SI 4 mm²
Width/Length/Height of lowest version	mm	5.1 x 60 x 97.5	6.1 x 60 x 97.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**	**6.3 / 6**
Max. clamping range	mm²	**0.05...4**	**0.22...6**









Technical data

Rated data		WTR 2.5/SI	WTR 4/SI
		IEC 60947-7-3	IEC 60947-7-3
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage to adjoining terminal	V	400 / 600 (C) / 300 (B)	400 / 250 (C) / 250 (D)
Rated current	A	6.3 / 10 (C) / 10 (B)	6.3 / 6.3 (C) / 6.3 (D)
Rated cross-section	mm²	2.5 / AWG 22...12 / AWG 26...12	4 / AWG 22...10 / AWG 22...10
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	A4 / V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...4 / 1.5...4	0.5...6 / 1.5...6
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...4
Tightening torque range (terminal screw)		0.4 0.8 Nm (M 2.5)	0.5 1 Nm (M 3)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	13 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded	mm²	0.5...1.5	0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Note		2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).	The rated current of the terminal is determined by the max. power loss of 1.6 W at the cartridge fuse.

Ordering data

Version	WTR 2.5/SI Type	Qty.	Order No.	WTR 4/SI Type	Qty.	Order No.
400 V AC/DC, w/o LED	WTR 2.5/SI	25	**1763940000**	WTR 4 SI	25	**7910240000**
10-36 V AC/DC, with LED	WTR 2.5/SI LD 36V	25	**1763950000**	WTR 4/SI LD 36V	25	**7914370000**
30-70 V AC/DC, with LED				WTR 4/SI LD 70V	25	**7914380000**
60-150 V AC/DC, with LED				WTR 4/SI LD 150V	25	**7914390000**
140-250 V AC/DC, with LED				WTR 4/SI LD 250V	25	**7914400000**
Note	UL/CSA specified for 400 V fuse cartridge; otherwise the specified voltage range is also valid for UL/CSA.			UL/CSA specified for 400 V fuse cartridge; otherwise the specified voltage range is also valid for UL/CSA.		

Accessories

Pluggable cross-connection	WTR 2.5/SI Type	current	Qty.	Order No.	WTR 4/SI Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**	ZQV 4N/2 GE	32 A	60	**1758250000**
3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**	ZQV 4N/3 GE	32 A	60	**1762630000**
4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**	ZQV 4N/4 GE	32 A	60	**1762620000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**	ZQV 4N/10 GE	32 A	20	**1758260000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0,25 A fast	G 20/0.25A/F		10	**0430500000**	G 20/0.25A/F		10	**0430500000**
0,50 A fast	G 20/0.50A/F		10	**0430600000**	G 20/0.50A/F		10	**0430600000**
1,00 A fast	G 20/1.00A/F		10	**0430700000**	G 20/1.00A/F		10	**0430700000**
2,00 A fast	G 20/2.00A/F		10	**0430900000**	G 20/2.00A/F		10	**0430900000**
Screwdriver								
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 12/5	DEK 5/6 / WS 12/6
Note	Cross-connection options for WTR 2.5, refer to the "W-Series Accessories" section.	

Cartridge fuses

Technical data / Ordering data

For terminal type	Size (mm)	Nom. current (A)	Type		Qty.	Order No.
	G-type cartridge fuses 5 x 20 **without** indicators to IEC 60127-2 (VDE 0820 pt.2 BI[1])					
WSI 4 WSI 6	5 x 20 breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0.7)	0.1	(F)	G 20/0.10A/F	10	0430300000
		0.2	(F)	G 20/0.20A/F	10	0430400000
		0.25	(F)	G 20/0.25A/F	10	0430500000
		0.5	(F)	G 20/0.50A/F	10	0430600000
		0.63	(F)	G 20/0.63A/F	10	0439000000
		1.0	(F)	G 20/1.00A/F	10	0430700000
		1.6	(F)	G 20/1.60A/F	10	0430800000
		2.0	(F)	G 20/2.00A/F	10	0430900000
		2.5	(F)	G 20/2.50A/F	10	0431000000
		3.15	(F)	G 20/3.15A/F	10	0431100000
		4.0	(F)	G 20/4.00A/F	10	0431200000
		5.0	(F)	G 20/5.00A/F	10	0431300000
		6.3	(F)	G 20/6.30A/F	10	0431400000
		(M) = medium-blow (F) = fast-blow				
	G-type cartridge fuses 5 x 25 **with** indicators to DIN 41576[1]					
WSI 6	5 x 25 m. K.[1] breaking capacity 80 A (at 250 V, 50 Hz, cos φ = 1	0.25	(M)	G 25/0.25A/M	10	0546900000
		0.5	(M)	G 25/0.50A/M	10	0510300000
		0.8	(M)	G 25/0.80A/M	10	0646400000
		1	(M)	G 25/1.00A/M	10	0265800000
		10	(M)[5])	G 25/10.0A/M	10	0193100000
		2	(F)	G 25/2.00A/F	10	0192700000
		4	(F)	G 25/4.00A/F	10	0192800000
		6.3	(F)	G 25/6.30A/F	10	0192900000
		(M) = medium-blow (F) = fast-blow				
	Cartridge fuses 1¼" x ¼" **without** indicators to BS 88					
WSI 4/2 WSI 6/2	33 kA breaking capacity, 33 kA fast-blow	0.5		GZ 0.5A/F	10	0533800000
	E 0.5 A	1		GZ 1.0A/F	10	0525500000
	E 1 A	2		GZ 2.0A	10	0294500000
	E 2 A	3		GZ 3.0A	10	0295700000
	E 3 A	5		GZ 5.0A	10	0294600000
	E 5 A	7		GZ 7.0A	10	0295800000
	E 7 A	10		GZ 10.0A	10	0293900000
	E 10 A	12.5		GZ 12.5A/FF	10	0245400000
		(M) = medium-blow (F) = fast-blow				
	D-type cartridge fuses E 16 **with** indicators to DIN 49360 (Diazed)					
SAKS 2	E 10 A	10		E 16/10A RT	25	0208500000
	E 16 A	16		E 16/16A GR	25	0208600000
	E 20 A	20		E 16/20A BL	25	0208700000
	E 25 A	25		E 16/25A GE	25	0208800000
		(M) = medium-blow (F) = fast-blow				
	D-type cartridge fuses E 14 size D 01 and E 18 size D 02 **with** indicators to DIN 49522 (Neozed)[3]					
SAKS 4 4)	E 14/2	2		E 14/2A RS	10	0137400000
	E 14/4	4		E 14/4A BR	10	0137500000
	E 14/6	6		E 14/6A GN	10	0328300000
	E 14/10	10		E 14/10A RT	10	0328400000
	E 14/16	16		E 14/16A GR	10	0328500000
SAKS 5	E 18/20	20		E 18/20A BL	10	0361300000
	E 18/25	25		E 18/25A GE	10	0361400000
	E 18/35	35		E 18/35A SW	10	0361500000
	E 18/50	50		E 18/50A WS	10	0361600000
	E 18/63	63		E 18/63A KU	10	0361700000
		(M) = medium-blow (F) = fast-blow				

Notes:
1) SIBA also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V~ shipbuilding applications.
2) Cartridge fuses 5 x 30 (500 V~) for SAKS 3 are available from the WICKMANN company.
3) LINDNER also supplies the Neozed cartridge fuses in another version suitable for 440 V~ shipbuilding applications.
4) Cartridge fuses in the sizes 1"x¼" (25.4 x 6.35 mm) and 13/32"x1½" (10.3 x 38.1 mm) are not included in the range.
5) For SAKS 1 and SAKS 7 only.

In photovoltaic applications, fusing of individual strings is needed.

Specially designed fuses should be used as this deals with DC voltages and current. AC fuses are not suitable.

The range from 2 to 20 Amperes and up to 1000 V DC can be covered with safety fuses, size 10 x 38 mm.

Safety fuses, 10 x 38 mm

Technical data

Electrical data									
Rated current	A	2	4	6	8	10	12	16	20
Rated voltage	V	1000							
Rated breaking capacity		30 kA @ DC 1000 V (2 ms)							
Melting integral		3	10	45	5	7	10	30	52
Power output		1.2	1.8	2.5	1.6	2	2.4	2.1	2.5
Additional data									
Size	mm	10 x 38							
Test dropout voltage		1000 V DC							
Characteristics		gPV/IEC (If = 1.45 x In) gR/UL E180276							
Standard		IEC 60 269-6; As at 2009 UL 248-13							
Note									

Ordering data

Order No.	**1224870000**	**1224880000**	**1224890000**	**1224900000**	**1224910000**	**1224920000**	**1224930000**	**1224950000**
Qty.	10							
Note								

Gauge pieces

Technical data / Ordering data

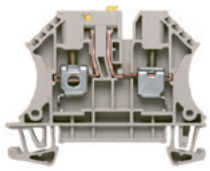
For terminal type	Gauge piece type	Amps	Colour	Type	Qty.	Order No.
SAKS 4/35	P 14/2	2	pink	P 14/2D01 RS	50	**0138000000**
	P 14/4	4	brown	P 14/4D01 BR	50	**0138100000**
	P 14/6	6	green	P 14/6D01 GN	50	**0328600000**
	P 14/1	10	red	P 14/10D01 RT	50	**0328700000**
SAKS 5/35	P 18/20	20	blue	P 18/20D02 BL	50	**0361800000**
	P 18/25	25	yellow	P 18/25D02 GE	50	**0361900000**
	P 18/35	35	black	P 18/35D02 SW	50	**0362000000**
	P 18/50	50	white	P 18/50D02 WS	50	**0362100000**
SAKS 2/35	P 16/10	10	red	P 16/10 RT	100	**0208900000**
	P 16/16	16	grey	P 16/16 GR	100	**0209000000**
	P 16/20	20	blue	P 16/20 BL	100	**0209100000**

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WTR 2.5 — 2.5 mm²

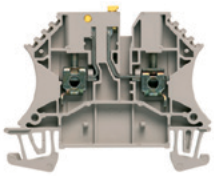
With clamping screw



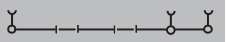
Width/Length/Height of lowest version	mm	5.1 x 60 x 49
max. current / max. cond. cross-section	A/mm²	**24 / 4**
Max. clamping range	mm²	**0.05...4**

WTR 2.5 STB — 2.5 mm²

With sockets



5.1 x 60 x 49
24 / 4
0.05...4



Technical data

		WTR 2.5			WTR 2.5 STB		
Rated data		IEC 60947-7-1			IEC 60947-7-1		
		IEC	**UL**	**CSA**	**IEC**	**UL**	**CSA**
Rated voltage	V	500	600 (C)	300 (C)	500	600 (C)	300 (D)
Rated current	A	24	20 (C)	10 (C)	24	20 (C)	10 (D)
Rated cross-section	mm²	2.5	AWG 30...12	AWG 26...12	2.5	AWG 30...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		6 kV / 3			6 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			A3 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.8 Nm (M 2.5)			0.5...0.7 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
2 conductors with same cross-section (H05V/H07V)							
Solid / stranded	mm²	0.5...1.5			0.5...1.5		
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			0.5...1.5 / 0.5...1.5		
Note		2.5 mm² conductor with ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).			2.5 mm² conductor with ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).		

Ordering data

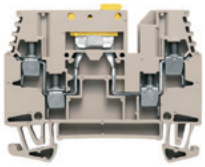
Version	WTR 2.5 Type	Qty.	Order No.	WTR 2.5 STB Type	Qty.	Order No.
Dark beige Wemid	WTR 2.5	100	**1855610000**	WTR 2.5 STB2.3	100	**1855620000**
Blue Wemid	WTR 2.5 BL	100	**8731640000**	WTR 2.5 STB2.3 BL	100	**8731660000**
Without isolator, Dark beige Wemid	WTR 2.5/O.TNHE	100	**8731700000**	WTR 2.5/O.TNHE STB2.3	100	**8731670000**
Without STB						
Note						

Accessories

	WTR 2.5 Type	current	Qty.	Order No.	WTR 2.5 STB Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**	ZQV 2.5N/2 GE	24 A	60	**1693800000**
3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**	ZQV 2.5N/3 GE	24 A	60	**1693810000**
4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**	ZQV 2.5N/4 GE	24 A	60	**1693820000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**	ZQV 2.5N/10 GE	24 A	20	**1693880000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid								
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	**7921560000**	SIHA 3/G20	5.95 mm	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**	SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**	SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
Module connector (max, 250 V)								
without fittings	BEST	5.1 mm	50	**1833100000**	BEST	5.1 mm	50	**1833100000**
with wire jumper	BEST/DRBR	5.1 mm	50	**1878570000**	BEST/DRBR	5.1 mm	50	**1878570000**
With 1N4007 diode	BEST/D	5.1 mm	50	**1878560000**	BEST/D	5.1 mm	50	**1878560000**
Disconnect plug								
removable, as replacement for release lever	TNST		50	**1833090000**	TNST		50	**1833090000**
Screwdriver								
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/5 / WS 12/5				DEK 5/5 / WS 12/5			
Note								

WTR 2.5/ZZ — 2.5 mm²

Twin connection



5.1 x 60 x 47
14 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA
400	300 (D)	300 (D)
14	10 (D)	10 (D)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 Nm (M 3)
7 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTR 2.5/ZZ	100	1039900000
WTR 2.5/ZZ BL	100	1039980000

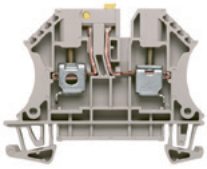
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
	Width		
WAP WTR2.5/ZZ	1.5 mm	20	1074600000
WEW 35/2	8 mm	100	1061200000
SIHA 1/G20	5.95 mm	25	9537550000
SIHA 1/G20 10-36V	5.95 mm	25	9537560000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 12/5

WTR 4 — 4 mm²

With clamping screw



6.1 x 60 x 49
32 / 6
0.22...6

IEC 60947-7-1

IEC	UL	CSA
400	300 (D)	300 (C)
32	10 (D)	10 (C)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

Rated connection
0.5...6 / 1.5...4
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

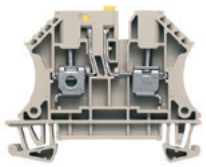
Type	Qty.	Order No.
WTR 4	50	7910180000
WTR 4 BL	50	7910190000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

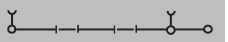
WS 12/5

WTR 4 STB — 4 mm²

With socket



6.1 x 60 x 49
32 / 6
0.22...6



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTR 4 STB	50	7910210000
WTR 4 STB BL	50	7910220000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

WS 12/5

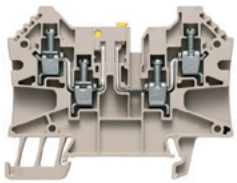
Test-disconnect terminals

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

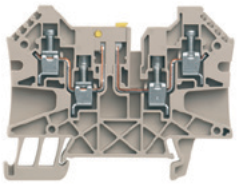
WTR 4/ZZ — 4 mm²

Twin connection with clamping screw

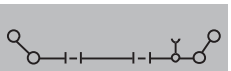


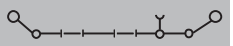
WTR 4/ZZ STB — 4 mm²

Twin connection with socket



		WTR 4/ZZ	WTR 4/ZZ STB
Width/Length/Height of lowest version	mm	6.1 x 70 x 53.5	6.1 x 70 x 53.5
max. current / max. cond. cross-section	A/mm²	**27 / 6**	**27 / 6**
Max. clamping range	mm²	**0.05...6**	**0.05...6**





Technical data

		WTR 4/ZZ			WTR 4/ZZ STB		
Rated data		IEC 60947-7-1			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	500	600 (C)	600 (C)	500	600 (C)	600 (C)
Rated current	A	27	25 (C)	25 (C)	27	25 (C)	25 (C)
Rated cross-section	mm²	4	AWG 30...10	AWG 30...10	4	AWG 30...10	AWG 30...10
Rated impulse withstand voltage / Pollution severity		6 kV / 3			6 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A4 / V-0			A4 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...6 / 0.5...6			0.5...6 / 0.5...6		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			0.5...4 / 0.5...4		
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)			0.5...1 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
2 conductors with same cross-section (H05V/H07V)							
Solid / stranded	mm²	0.5...1.5			0.5...1.5		
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			0.5...1.5 / 0.5...1.5		
Note							

Ordering data

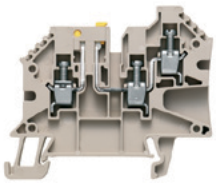
Version	WTR 4/ZZ Type	Qty.	Order No.	WTR 4/ZZ STB Type	Qty.	Order No.
Dark beige Wemid	WTR 4/ZZ	50	**1905090000**	WTR 4/ZZ STB	50	**1905100000**
Blue Wemid						
Without isolator, Dark beige Wemid						
Without STB						
Note						

Accessories

		WTR 4/ZZ Type	current	Qty.	Order No.	WTR 4/ZZ STB Type	current	Qty.	Order No.
Pluggable cross-connection									
2-pole		ZQV 4N/2 GE	32 A	60	**1758250000**	ZQV 4N/2 GE	32 A	60	**1758250000**
3-pole		ZQV 4N/3 GE	32 A	60	**1762630000**	ZQV 4N/3 GE	32 A	60	**1762630000**
4-pole		ZQV 4N/4 GE	32 A	60	**1762620000**	ZQV 4N/4 GE	32 A	60	**1762620000**
10-pole		ZQV 4N/10 GE	32 A	20	**1758260000**	ZQV 4N/10 GE	32 A	20	**1758260000**
End plate / Partition plate			**Width**				**Width**		
Dark beige Wemid		WAP WDU/WTR4/ZZ	1.5 mm	50	**1905150000**	WAP WDU/WTR4/ZZ	1.5 mm	50	**1905150000**
Dark beige Wemid									
End bracket									
Dark beige Wemid		WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Holder for cartridge fuse 5 x 20mm									
400 V AC/DC, without LED		SIHA 3/G20	5.95 mm	25	**7921560000**	SIHA 3/G20	5.95 mm	25	**7921560000**
10 - 36 V AC/DC, red LED		SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**	SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
140 - 250 V AC/DC, red LED		SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**	SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
Module connector (max, 250 V)									
without fittings		BEST	5.1 mm	50	**1833100000**	BEST	5.1 mm	50	**1833100000**
with wire jumper		BEST/DRBR	5.1 mm	50	**1878570000**	BEST/DRBR	5.1 mm	50	**1878570000**
With 1N4007 diode		BEST/D	5.1 mm	50	**1878560000**	BEST/D	5.1 mm	50	**1878560000**
Disconnect plug									
removable, as replacement for release lever		TNST		50	**1833090000**	TNST		50	**1833090000**
Screwdriver									
Standard		SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**
Identification systems	(see assortment in catalogue 7)								
Marking tags		WS 12/5				WS 12/5			
Note									

WTR 4/ZR — 4 mm²

Supplementary connection, right, with clamping screw



6.1 x 63.5 x 53.5
27 / 6
0.05...6

IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	600 (C)
27	25 (C)	25 (C)
4	AWG 30...10	AWG 30...10
	6 kV / 3	
	A4 / V-0	

Rated connection
0.5...6 / 0.5...6
0.5...4
0.5...1 Nm (M 3)
10 / 0.6 x 3.5 mm
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5

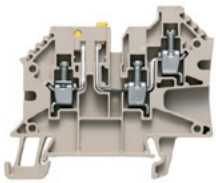
Type	Qty.	Order No.
WTR 4/ZR	50	1905080000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
	Width		
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

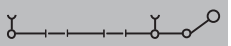
DEK 5/5 / WS 12/5

WTR 4/ZR STB — 4 mm²

Supplementary connection, right, with socket



6.1 x 63.5 x 53.5
27 / 6
0.05...6



IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	600 (C)
27	25 (C)	25 (C)
4	AWG 30...10	AWG 30...10
	6 kV / 3	
	A4 / V-0	

Rated connection
0.5...6 / 0.5...6
0.5...4 / 0.5...4
0.5...1 Nm (M 3)
10 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

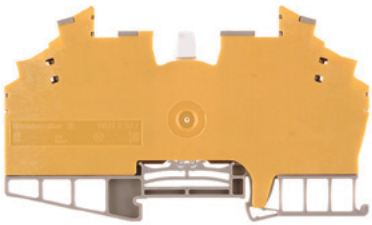
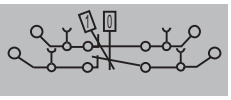
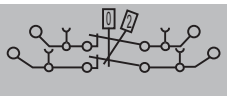
Type	Qty.	Order No.
WTR 4/ZR STB	50	1905110000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
	Width		
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 12/5

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDT 1.5/1 — 1.5 mm²	WDT 1.5/2 — 1.5 mm²
		Disconnection lower level	Disconnection both levels
			
Width/Length/Height of lowest version	mm	6.4 x 112 x 66.75 	6.4 x 112 x 66.75 
max. current / max. cond. cross-section	A/mm²	**10 / 2.5**	**10 / 2.5**
Max. clamping range	mm²	**0.13...2.5**	**0.13...2.5**

Technical data

		WDT 1.5/1			WDT 1.5/2		
Rated data		IEC 60947-7-1			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	250	300 (C)	300 (D)	250	300 (C)	300 (D)
Rated current	A	10	10 (C)	10 (D)	10	10 (C)	10 (D)
Rated cross-section	mm²	1.5	AWG 22...14	AWG 26...14	1.5	AWG 22...14	AWG 26...14
Rated impulse withstand voltage / Pollution severity		4 kV / 3			4 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A2 / V-0			A2 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...2.5 / 1.5...2.5			0.5...2.5 / 1.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			0.5...1.5 / 0.5...1.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
2 conductors with same cross-section (H05V/H07V)							
Solid / stranded	mm²	...2.5			...2.5		
Flexible / Flexible with ferrule	mm²						
Note							

Ordering data

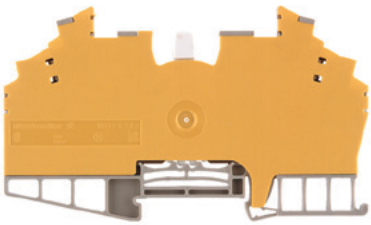
Version	WDT 1.5/1 Type	Qty.	Order No.	WDT 1.5/2 Type	Qty.	Order No.
Dark beige Wemid	WDT 1.5/1 DB/GE	25	**1015800000**	WDT 1.5/2 DB/GE	25	**1015900000**
Blue Wemid						
Without isolator, Dark beige Wemid						
Without STB						
Note						

Accessories

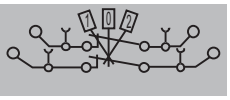
Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole								
3-pole								
4-pole								
10-pole								
End plate / Partition plate								
Dark beige Wemid								
Dark beige Wemid								
End bracket		Width				Width		
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED								
10 - 36 V AC/DC, red LED								
140 - 250 V AC/DC, red LED								
Module connector (max, 250 V)								
without fittings								
with wire jumper								
With 1N4007 diode								
Disconnect plug								
removable, as replacement for release lever								
Screwdriver								
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/6.5 / WS 8/5				DEK 5/6.5 / WS 8/5			
Note								

WDT 1.5/3 — 1.5 mm²

Disconnection lower level or both levels



6.4 x 112 x 66.75
10 / 2.5
0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
250	300 (C)	300 (D)
10	10 (C)	10 (D)
1.5	AWG 22...14	AWG 26...14
4 kV / 3		
A2 / V-2		

Rated connection
0.5...2.5 / 1.5...2.5
0.5...1.5 / 0.5...1.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm
...2.5

WDT 1.5/3 BL/HB Order no. 1016160000 flammability rating V2.

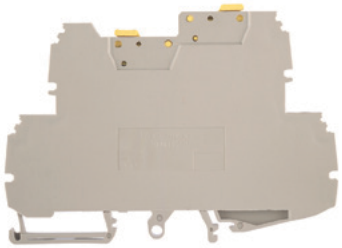
Type	Qty.	Order No.
WDT 1.5/3 DB/GE	25	1016000000
WDT 1.5/3 BL/HB	25	1016160000

Type	current	Qty.	Order No.
	Width		
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

DEK 5/6.5 / WS 8/5

WDTR 2.5 — 2.5 mm²

Double disconnect terminal



6.2 x 94 x 69.5
14 / 4
0.05...4

IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
10	10 (C)	10 (D)
2.5	AWG 26...12	AWG 30...12
4 kV / 3		
A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...2.5 / 0.5...2.5
0.5...0.6 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDTR 2.5	25	9528070000
WDTR 2.5 BL	25	9528080000
WDTR 2.5 O.STB	25	1298020000

Type	current	Qty.	Order No.
	Width		
WEW 35/1	12 mm	50	1059000000
SIHA 1/G20	5.95 mm	25	9537550000
SIHA 1/G20 10-36V	5.95 mm	25	9537560000
SDS 0.6X3.5X100		1	9008330000

DEK 5/6 / WS 8/5

External cross-connection is possible with the VQB 1.5/50. Refer to "Accessories" Chapter.

WDTR 2.5/WE — 2.5 mm²

6.2 x 81 x 69.5
23 / 4
0.05...4

IEC 60947-7-1

IEC	UL	CSA
400		
10		
2.5		
4 kV / 3		
A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...2.5 / 0.5...2.5
0.5...0.6 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

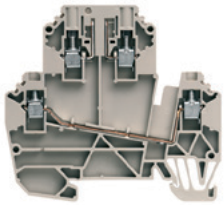
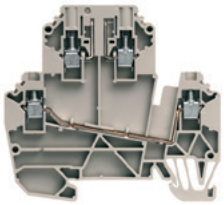
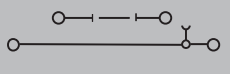
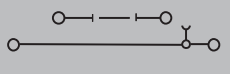
Type	Qty.	Order No.
WDTR 2.5/WE	25	9528090000
WDTR 2.5/WE O.STB	25	1297850000

Type	current	Qty.	Order No.
	Width		
WEW 35/1	12 mm	50	1059000000
SIHA 1/G20	5.95 mm	25	9537550000
SIHA 1/G20 10-36V	5.95 mm	25	9537560000
SDS 0.6X3.5X100		1	9008330000

DEK 5/6 / WS 8/5

External cross-connection is possible with the VQB 1.5/50. Refer to "Accessories" Chapter.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDK 2.5/TR-DU 2.5 mm²	WDK 2.5/TR-DU/STB 2.5 mm²
		NEW	NEW
			
Width/Length/Height of lowest version	mm	5.1 x 72.5 x 67	5.1 x 72.5 x 67
max. current / max. cond. cross-section	A/mm²	/ 4	/ 4
Max. clamping range	mm²	0.5...4 	0.5...4 

Technical data

Rated data		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	690	300 (C)	300 (C)	690	300 (C)	300 (C)
Rated current	A	24	20 (C)	20 (C)	24	20 (C)	20 (C)
Rated cross-section	mm²	2.5	AWG 30...12	AWG 30...12	2.5	AWG 30...12	AWG 30...12
Rated impulse withstand voltage / Pollution severity		8 kV / 3			8 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A2 / V-0			A2 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)			0.5...1 Nm (M 3)		
Stripping length / Blade size	mm/-	/ 0.6 x 3.5 mm			/ 0.6 x 3.5 mm		
2 conductors with same cross-section (H05V/H07V)							
Solid / stranded	mm²						
Flexible / Flexible with ferrule	mm²						
Note							

Ordering data

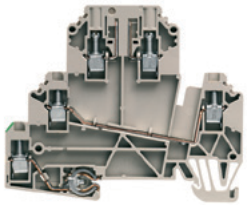
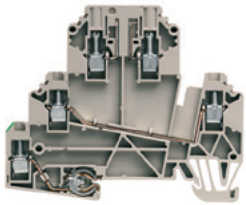
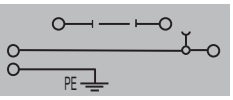
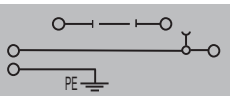
Version	WDK 2.5/TR-DU Type	Qty.	Order No.	WDK 2.5/TR-DU/STB Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5/TR-DU	50	1247290000	WDK 2.5/TR-DU STB	50	1247310000
Without isolator, Dark beige Wemid	WDK 2.5/TR-DU/o TNHE	50	1833600000	WDK 2.5/TR-DU/o TNHE StB	50	1833610000
Note						

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000	WQV 2.5/2	32 A	50	1053660000
3-pole	WQV 2.5/3	32 A	50	1053760000	WQV 2.5/3	32 A	50	1053760000
4-pole	WQV 2.5/4	32 A	50	1053860000	WQV 2.5/4	32 A	50	1053860000
10-pole	WQV 2.5/10	32 A	20	1054460000	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000	WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000
End bracket								
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000	WEW 35/1	12 mm	50	1059000000
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
Module connector (max, 250 V)								
without fittings	BEST	5.1 mm	50	1833100000	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000	BEST/D	5.1 mm	50	1878560000
Disconnect plug								
removable, as replacement for release lever	TNST		50	1833090000	TNST		50	1833090000
Screwdriver								
Standard	SDS 0.6X3.5X100		1	9008330000	SDS 0.6X3.5X100		1	9008330000

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note		

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDK 2.5/TR-DU-PE	2.5 mm²	WDK 2.5/TR-DU-PE/STB	2.5 mm²
		NEW		NEW	
					
Width/Length/Height of lowest version	mm	5.1 x 80.5 x 67		5.1 x 80.5 x 67	
max. current / max. cond. cross-section	A/mm²	/ 4		/ 4	
Max. clamping range	mm²	0.5...4		0.5...4	

Technical data

Rated data		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	690	300 (C)	300 (C)	690	300 (C)	300 (C)
Rated current	A	24	20 (C)	20 (C)	24	20 (C)	20 (C)
Rated cross-section	mm²	2.5	AWG 30...12	AWG 30...12	2.5	AWG 30...12	AWG 30...12
Rated impulse withstand voltage / Pollution severity		8 kV / 3			8 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A2 / V-0			A2 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)			0.5...1 Nm (M 3)		
Stripping length / Blade size	mm/-	/ 0.6 x 3.5 mm			/ 0.6 x 3.5 mm		
2 conductors with same cross-section (H05V/H07V)							
Solid / stranded	mm²						
Flexible / Flexible with ferrule	mm²						
Note							

Ordering data

Version	WDK 2.5/TR-DU-PE Type	Qty.	Order No.	WDK 2.5/TR-DU-PE/STB Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5/TR-DU-PE	50	1247420000	WDK 2.5/TR-DU-PE STB	50	1247430000
Without isolator, Dark beige Wemid	WDK 2.5/TR-DU-PE/o TNHE	50	1833640000	WDK 2.5/TR-DU-PE/o TNHE StB	50	1833670000
Note						

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000	WQV 2.5/2	32 A	50	1053660000
3-pole	WQV 2.5/3	32 A	50	1053760000	WQV 2.5/3	32 A	50	1053760000
4-pole	WQV 2.5/4	32 A	50	1053860000	WQV 2.5/4	32 A	50	1053860000
10-pole	WQV 2.5/10	32 A	20	1054460000	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000	WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000
End bracket								
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000	WEW 35/1	12 mm	50	1059000000
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
Module connector (max, 250 V)								
without fittings	BEST	5.1 mm	50	1833100000	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000	BEST/D	5.1 mm	50	1878560000
Disconnect plug								
removable, as replacement for release lever	TNST		50	1833090000	TNST		50	1833090000
Screwdriver								
Standard	SDS 0.6X3.5X100		1	9008330000	SDS 0.6X3.5X100		1	9008330000

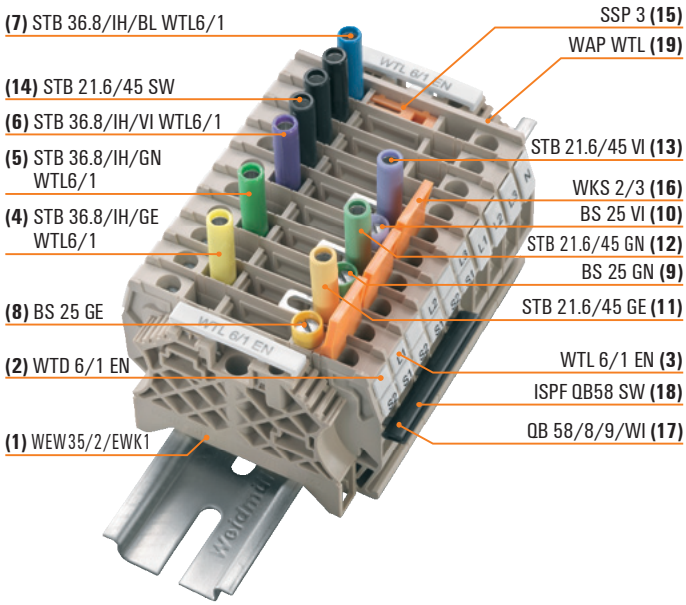
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note		

Testing made easy
WTL 6/1 EN, WTD 6/1 EN, WTQ 6/1 EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

You can solve many switching tasks - clearly and affordably – with the WTL 6/1 EN test-disconnect terminal, the WTD 6/1 EN feed-through terminal, and the WTQ 6/1 EN cross-disconnect terminal.

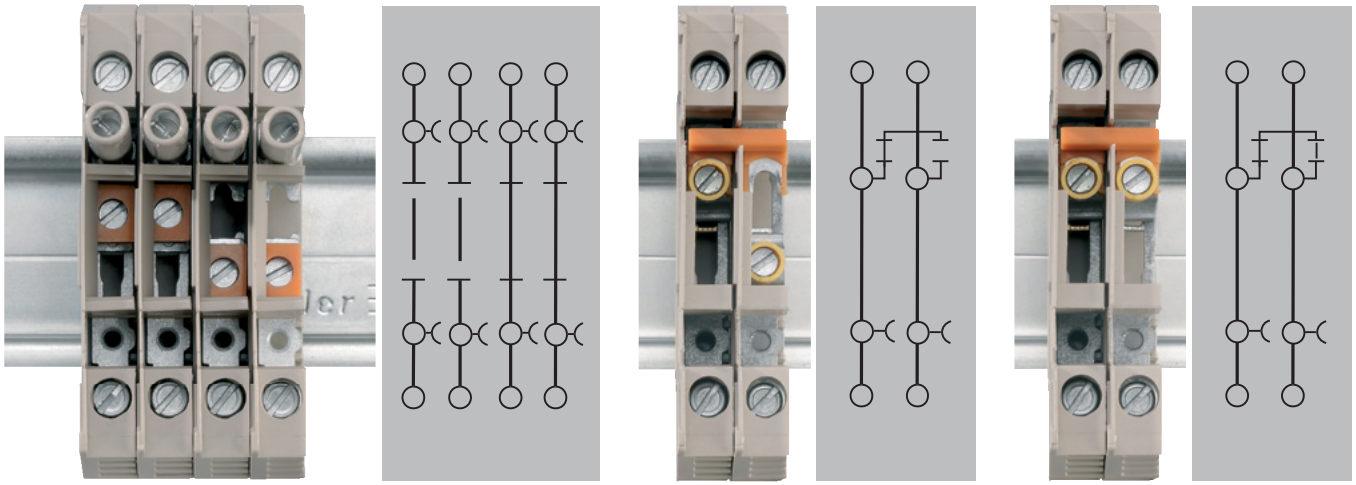
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



STB 21.6/45

VH 16

WAP WTL



Example transformer using WTL 6/1 EN

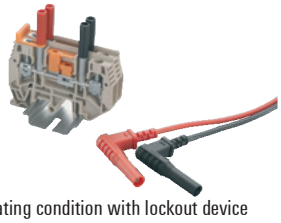
Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTD 6/1 EN	1934830000	1934830000	3
3	WTL 6/1 EN	1934810000	1934810000	7
4	STB 36.8/IH/GE WTL6/1	1847760000	1847760000	1
5	STB 36.8/IH/GN WTL6/1	1847770000	1847770000	1
6	STB 36.8/IH/VI WTL6/1	1847780000	1847780000	1
7	STB 36.8/IH/BL WTL6/1	1847790000	1847790000	1
8	BS 25 GE	0335700000	0335700000	1
9	BS 25 GN	0335600000	0335600000	1
10	BS 25 VI	0335800000	0335800000	1
11	STB 21.6/45 GE	1936240000	1936240000	2
12	STB 21.6/45 GN	1936250000	1936250000	2
13	STB 21.6/45 VI	1936260000	1936260000	2
14	STB 21.6/45 SW	1936270000	1936270000	2
15	SSP 3	0531760000	0531760000	7
16	WKS 2/3	1936140000	1936140000	3
17	QB 58/8/9/WI	0545300000	0545300000	1
18	ISPF QB58 SW	0546000000	0546000000	1
19	WAP WTL	1957710000	1957710000	1
20	VH 16	0309700000	0309700000	9

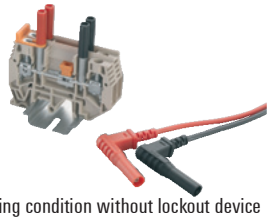
Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
21	QB 58*angled	0545300000	0545300000	1
22	ISPFQB58SW*	0546000000	0546000000	1

* Shorten to 5 poles

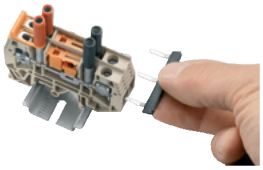


Operating condition with lockout device



Operating condition without lockout device

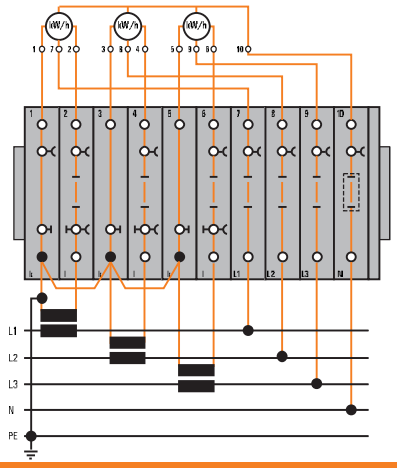
Testing condition with open disconnecting slider



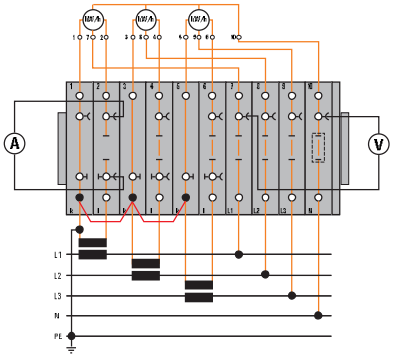
External cross-bridges

Operating status

(with external distribution of k-point)



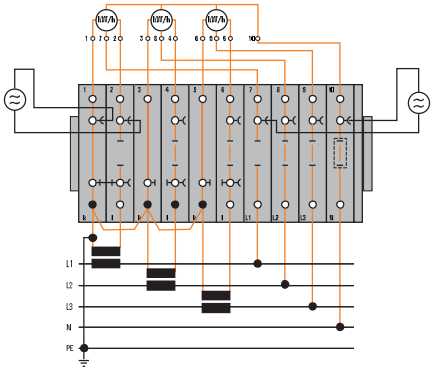
Comparison measurement for L1



Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

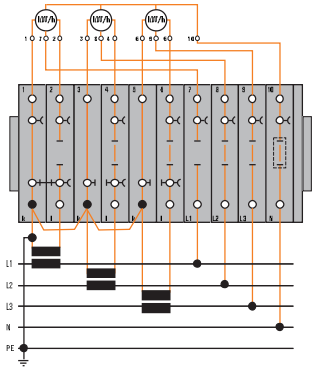
Meter test for L1 through external power supply



Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on operating status:

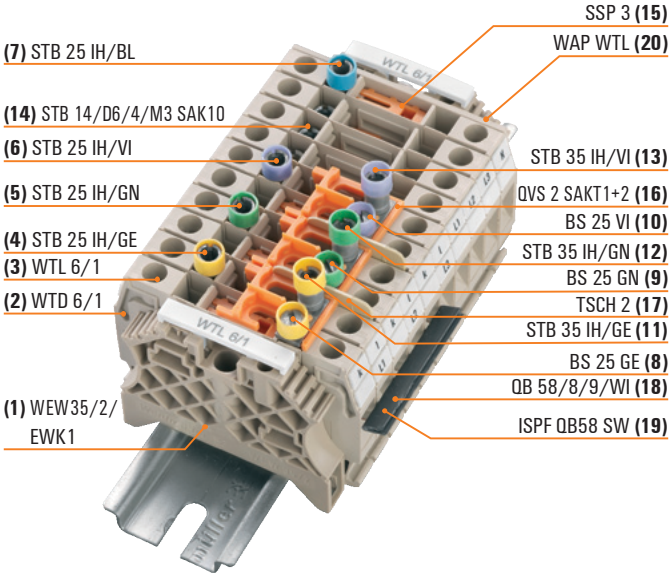
1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

Testing made easy
WTL 6/1, WTD 6/1, WTQ 6/1

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

You can solve many switching tasks - clearly and affordably – with the WTL 6/1 test-disconnect terminal, the WTD 6/1 feed-through terminal, and the WTQ 6/1 cross-disconnect terminal.

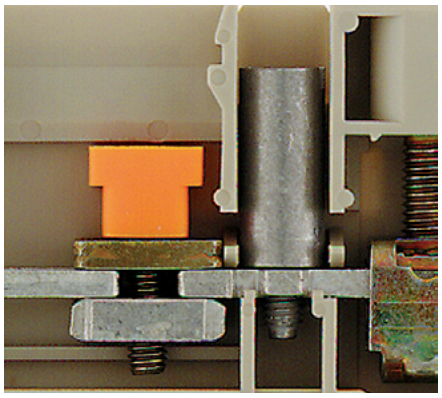
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



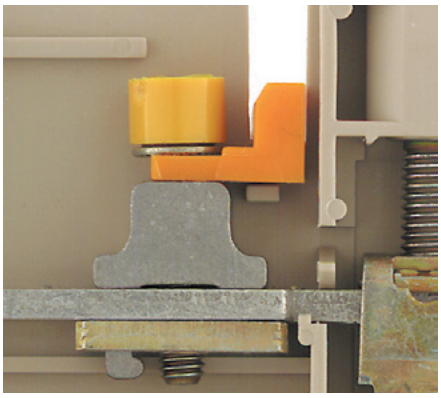
STB 35 IH/SW

VH 19

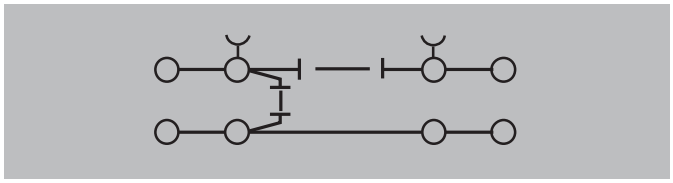
WAP WTL



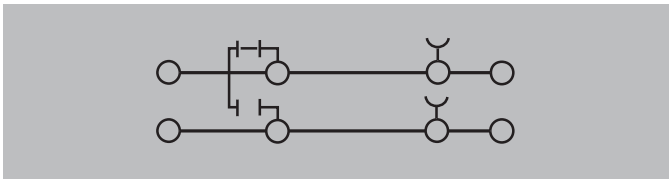
Sliding disconnector is easy to use (WTL 6/1)



Safe disconnection of cross-connection (WTQ 6/1)



One short-circuit slider per terminal (WTL 6/1)



One short-circuit jumper per terminal (WTQ 6/1)

Example transformer using WTL 6/1

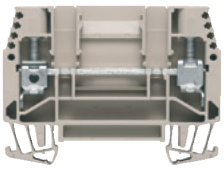
Ordering data

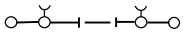
Pos.	Type	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	2
2	WTD 6/1	1017100000	3
3	WTL 6/1	1016700000	7
4	STB 25 IH/GE	0267200000	1
5	STB 25 IH/GN	0271200000	1
6	STB 25 IH/VI	0271300000	1
7	STB 25 IH/BL	0343400000	1
8	BS 25 GE	0335700000	1
9	BS 25 GN	0335600000	1
10	BS 25 VI	0335800000	1
11	STB 35 IH/GE	0389000000	2
12	STB 35 IH/GN	0388900000	2
13	STB 35 IH/VI	0389100000	2
14	STB 14/D6/4/M3 SAK10	0169900000	2
15	SSP 3	0531760000	7
16	QVS 2 SAKT1+2	0307300000	1
17	TSCH 2	0353660000	1
18	QB 58/8/9/WI	0545300000	1
19	ISPF QB58 SW	0546000000	1
20	WAP WTL	1068300000	1
21	VH 19	0318000000	9

Additionally available for a shared k-point:

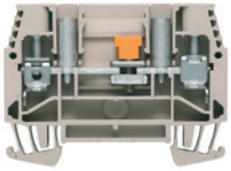
Pos.	Type	Order No.	Order No.	Qty.
21	QB 58*angled	0545300000	0545300000	1
22	ISPFQB58SW*	0546000000	0546000000	1

* Shorten to 5 poles





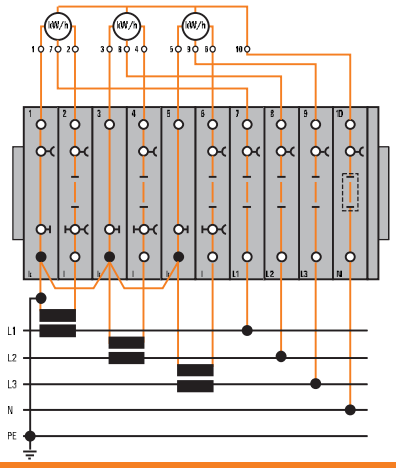
WTD 6/1



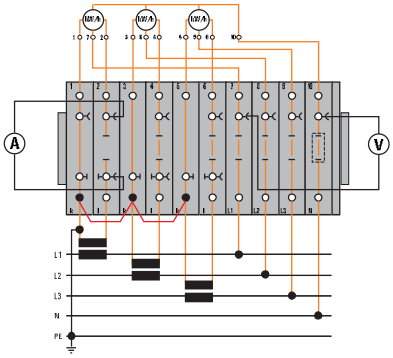
WTL 6/1

Operating status

(with external distribution of k-point)



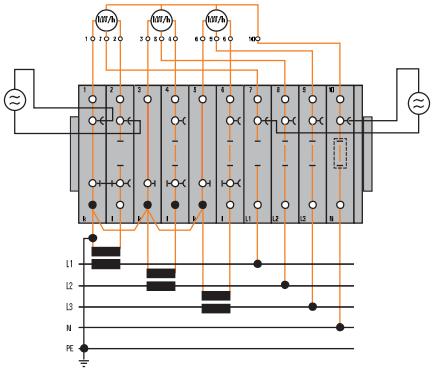
Comparison measurement for L1



Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

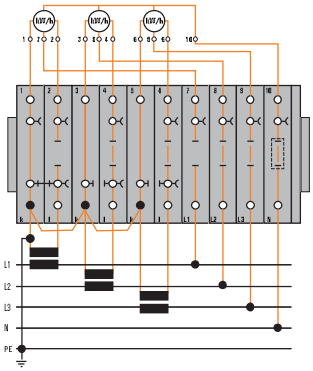
Meter test for L1 through external power supply



Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on operating status:

1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

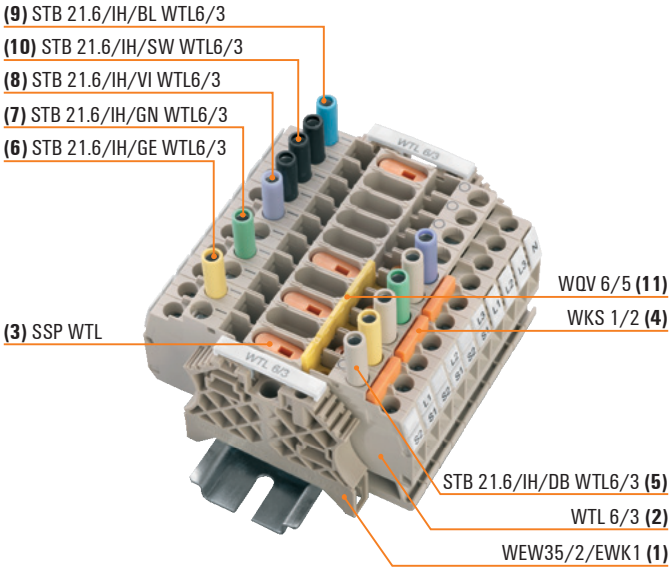
Convenient test-disconnect terminals WTL 6/2, WTL 6/3

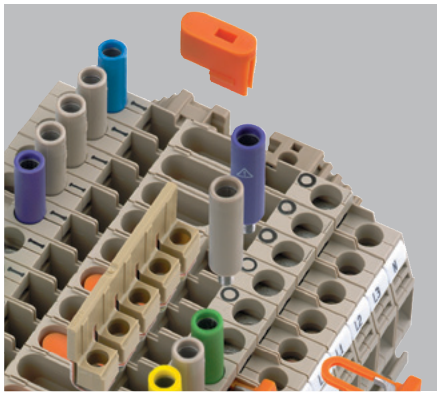
All the circuits occurring in practice can be realised with the WTL 6/2 and WTL 6/3 terminals plus a few accessories.

The short-circuit sliders are finger-touch safe – no risk of electric shock. Two cross-connections, e.g. for internal distribution of the contact point, can also be incorporated. The standard WQV 6 cross-connections of the W-Series can be used here, which also permit terminals to be bypassed.

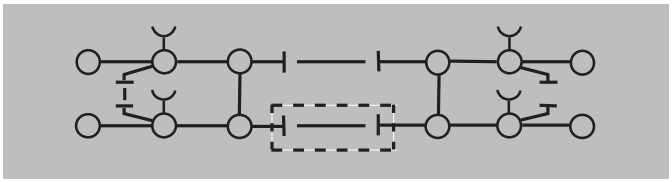
Thanks to the specially designed test sockets, both conventional test plugs and conventional safety test plugs can be used with the WTL 6/3.

Another advantage of the WTL 6/3 is that one screwdriver fits all screws and also all sockets.

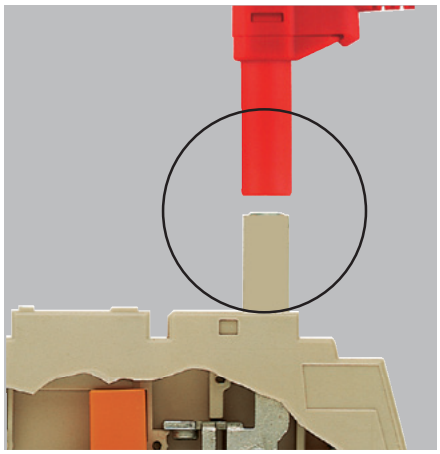




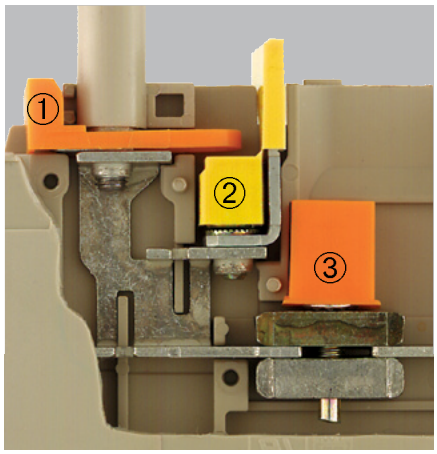
Optimised accessories for all circuit variations



Variation with maximum accessories



Safe test point according VGB 4



Compact design: ① sliding disconnect, ② cross-connection, ③ short-circuit slider

2 DEK markers per connection point

Example transformer using WTL 6/3

Ordering data

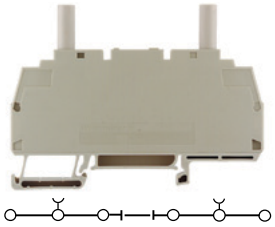
Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTL 6/3	1018800000	1018900000	10
3	SSP WTL	1604200000	1604200000	4
4	WKS 1/2	1604270000	1604270000	3

Optionally available for better labelling for WTL 6/3 (instead of 14 x pos. 3):

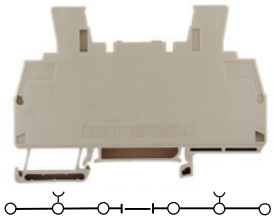
Pos.	Type	Order No.	Order No.	Qty.
5	STB 21.6/IH/DB WTL6/3	1071000000	1071000000	7
6	STB 21.6/IH/GE WTL6/3	1071010000	1071010000	2
7	STB 21.6/IH/GN WTL6/3	1071020000	1071020000	2
8	STB 21.6/IH/VI WTL6/3	1071030000	1071030000	2
9	STB 21.6/IH/BL WTL6/3	1071080000	1071080000	1
10	STB 21.6/IH/SW WTL6/3	1071040000	1071040000	3

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
11	WQV 6/5	1062660000	1062660000	1



WTL 6/3/STB

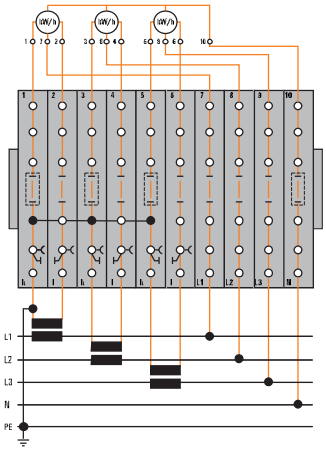


WTL 6/2

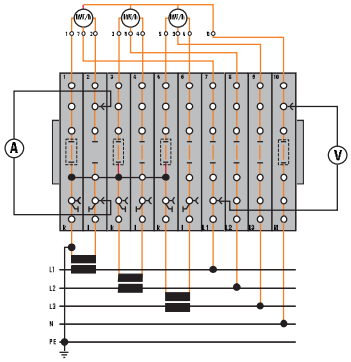
The disconnect test terminal WTL 6/3/STB offers the same functionality as the WTL 6/2. However, thanks to the special design of the test sockets both conventional test plugs as well as commercially available test plugs can be used.

Operating status

(with internal distribution of the k-point)



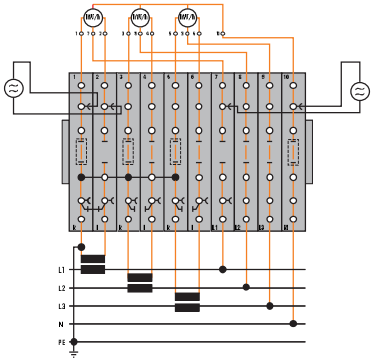
Comparison measurement for L1



Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

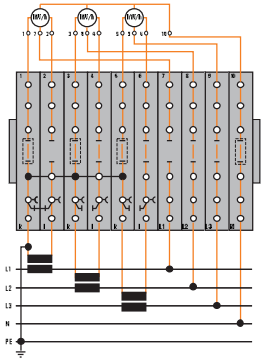
Meter test for L1 through external power supply



Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on operating status:

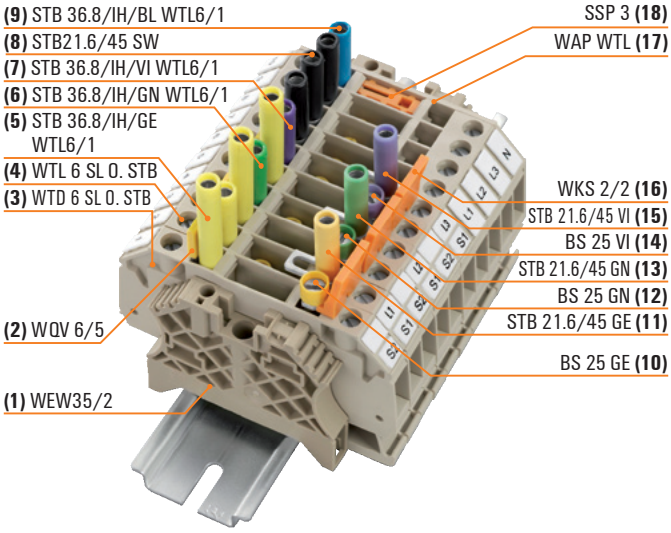
1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

Testing made easy
WTL 6 SL / WTD 6 SL

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL test/disconnect terminals and the WTD 6 SL feed-through terminals.

The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.

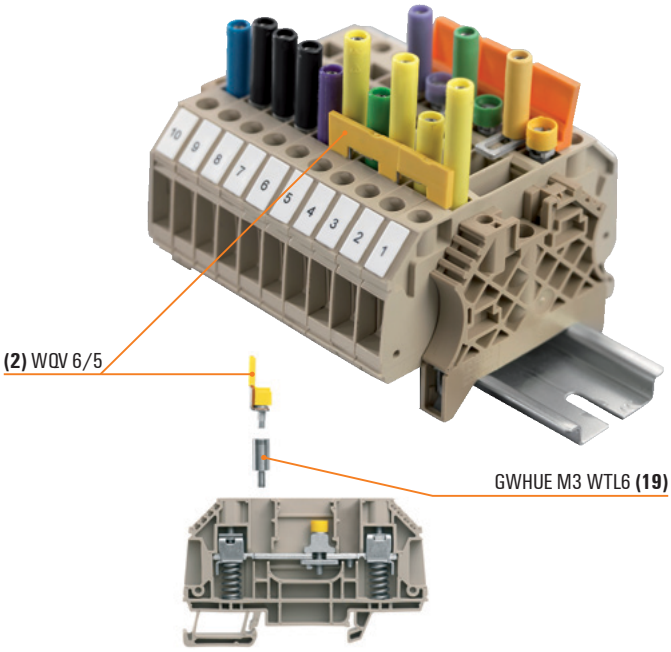


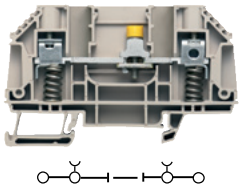
STB 21.6/45 DB

VH 19

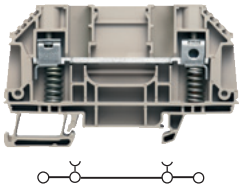
WAP WTL6 SL

Example transformer using WTL 6 SL / WTD 6 SL





WTL 6 SL o. StB



WTD 6 SL o. StB

Ordering data

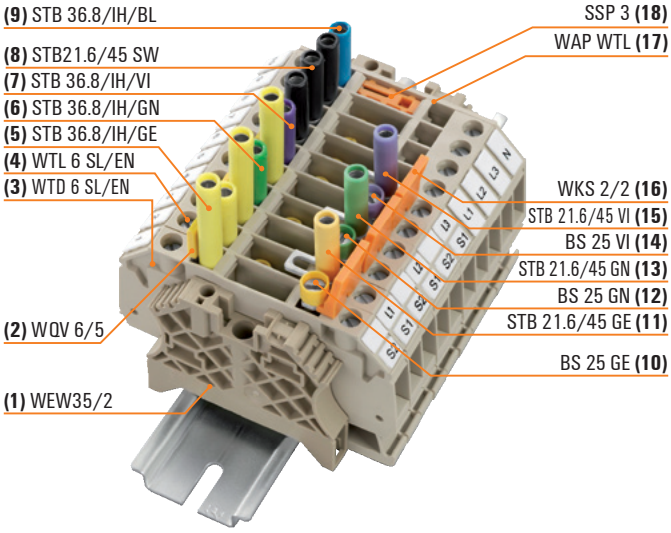
Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL O. STB	1238920000	3
4	WTL 6 SL O. STB	1238930000	7
5	STB 36.8/IH/GE WTL6/1	1847760000	4
6	STB 36.8/IH/GN WTL6/1	1847770000	1
7	STB 36.8/IH/VI WTL6/1	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL WTL6/1	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3

Testing made easy
WTL 6 SL EN / WTD 6 SL EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL EN test/disconnect terminals and the WTD 6 SL EN feed-through terminals.

The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



STB 21.6/45 DB

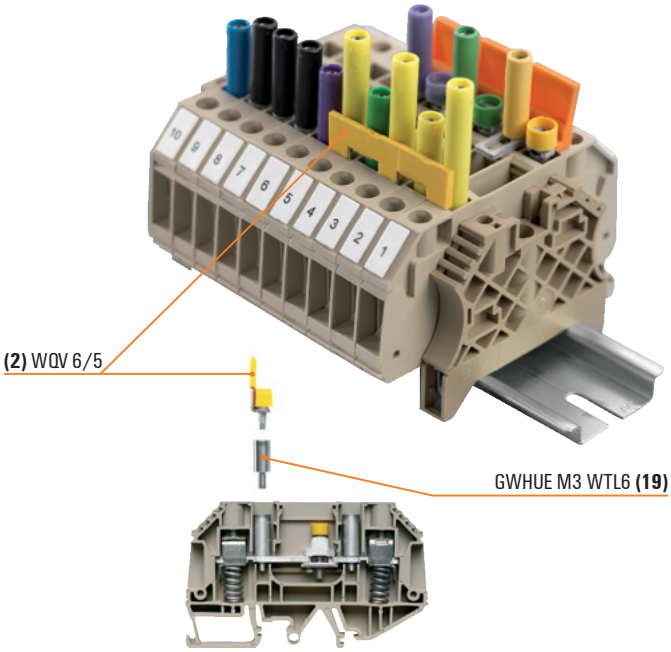
VH 19

WAP WTL6 SL

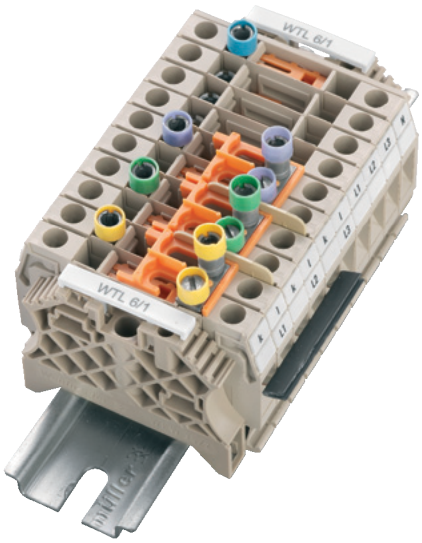
Example transformer using WTL 6 SL EN / WTD 6 SL EN

Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL EN	9538100000	3
4	WTL 6 SL EN	9538080000	7
5	STB 36.8/IH/GE	1847760000	4
6	STB 36.8/IH/GN	1847770000	1
7	STB 36.8/IH/VI	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3



Accessories for test-disconnect terminals WTL 6/1



Cross-connection slider QVS ...

Connection sleeves VH 19 and fixing screws BS 25 (or sockets StB 35) are required for fastening the QVS in the individual terminals. The fixing screws have an insulating sleeve as colour marking and a screwdriver guide. Cross-connection sliders are designed so that the sockets inserted in the terminals remain available for test plugs at every position. The 2-pole version type QVS 2S is designed to slide with test plugs plugged in. If the option of testing is required when the QVS is plugged in, socket StB 35 can be used for fastening.
The clearance and creepage sections required for the rated voltage of the terminal are changed when accessories are fitted.

Cross-connection slider STB

Sockets type **StB** are screwed into the busbar of the terminal. They take test plugs type PS4 or cross-connectors type QS2.

Technical data

Rated voltage for neighbouring	rated voltage
QVS	63 V
WQV	up to 400 V
QL	250 V

for neighbouring	rated voltage
STB 25	63 V
STB 30.5	63 V
STB 35	63 V

SSP WTL, **SSP 3** and **SSP 4** prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

Type	Qty.	Order No.
SSP 3	100	**0531760000**
SSP WTL	100	**1604200000**

To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.

QVS 1

Cross-connection slider

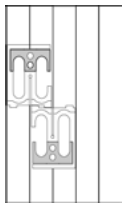
QVS QVS QVSK 2 QVS 2S

Type	No. of poles	Qty.	Order No.
QVS 2	2	20	**0307300000**
QVSK 2	2	20	**1670360000**
QVS 3	3	20	**0329300000**
QVS 4	4	20	**0307400000**
QVS 2S	2	20	**0358460000**

Note:
Not suitable for WTL 6/1 EN.

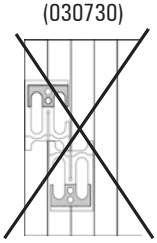
QVS 2 placed opposite each other cannot be switched.

QVSK 2
(167036)



WTL6/1, WTD6/1

QVS 2
(030730)



WTL6/1, WTD6/1

STB

Cross-connection slider

Type	Colour	Qty.	Order No.
STB 14			
STB 14		50	**0169900000**
STB 30.5			
STB 30.5	black	50	**0341000000**
STB 30.5	grey	50	**0341100000**
STB 30.5	blue	50	**0341200000**
STB 30.5	red	50	**0341300000**
STB 30.5	green	50	**0341400000**
STB 30.5	yellow	50	**0341500000**
STB 30.5	violet	50	**0341600000**
STB 35			
STB 35	yellow	50	**0389000000**
STB 35	green	50	**0388900000**
STB 35	violet	50	**0389100000**
STB 35	black	50	**0388500000**
STB 35	grey	50	**0388600000**
STB 35	blue	50	**0388700000**
STB 35	red	50	**0388800000**
Connecting sleeves			
VH19		50	**0318000000**

Accessories for test-disconnect terminals WTL 6/1 EN

BS fixing screws

VH connecting sleeves

WQV cross-connections

WQV cross-connections allow for finger and hand-safe connection between neighbouring terminals in accordance with VBG 4.

QL cross-connection lug

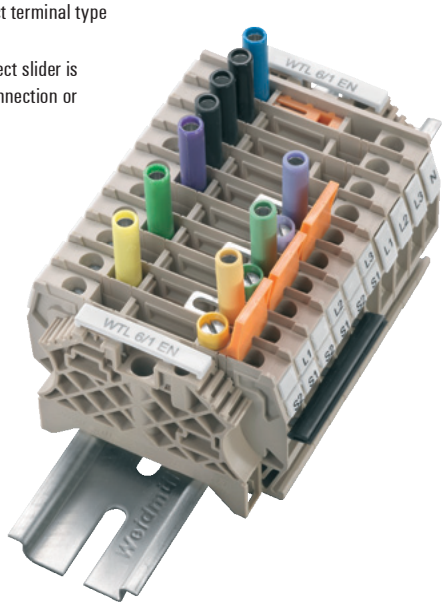
Model QL cross-connection links serve as fixed (i.e. non-switchable) cross-connections when used with WLT 6.1 test-disconnect terminals. They are fastened with connecting sleeves VH 12 and fixing screws BS M 3 x 20 (or sockets StB 30.5). The clearance and creepage distances required for the rated voltage of the terminal can be changed when accessories are installed. This applies in particular to the cross-connection of neighbouring terminals of differing potential.

WKB / WKS cross-connection bridge

WKB can be inserted from above in the case of cross-disconnect terminal type WTQ 6/1.
The integrated disconnect slider is then responsible for connection or disconnection.

QS2 cross-connection plug

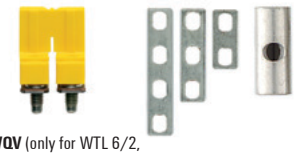
For sockets diameter 4 mm, for loads up to 44 A.



BS / VH

Type	Colour	Qty.	Order No.
Fixing screws			
BS 25	yellow	50	0335700000
BS 25	green	50	0335600000
BS 25	violet	50	0335800000
BS 25	grey	50	0335300000
BS 25	black	50	0335200000
BS 25	blue	50	0335400000
BS 25	red	50	0335500000
BS 25	blank	50	0334700000
STB 25			
STB 21.6/45 BL	blue	50	1936290000
STB 21.6/45 DB	d.blue	50	1938790000
STB 21.6/45 GE	yellow	50	1936240000
STB 21.6/45 GN	green	50	1936250000
STB 21.6/45 GR	grey	50	1936280000
STB 21.6/45 RT	red	50	1936300000
STB 21.6/45 SW	black	50	1936270000
STB 21.6/45 VI	violet	50	1936260000
Connecting sleeves			
VH 16/5/3.5 SAK10-35 CuZn 39 (brass alloy)		50	0309700000
STB 36.8			
STB 36.8/IH/DB WTL6/1		50	1847740000
STB 36.8/IH/GE WTL6/1		50	1847760000
STB 36.8/IH/GN WTL6/1		50	1847770000
STB 36.8/IH/VI WTL6/1		50	1847780000
STB 36.8/IH/BL WTL6/1		50	1847790000

WQV / QL



WQV (only for WTL 6/2, WTL 6/3)

Type	No. of poles	Qty.	Order No.
WQV			
WQV 6/2	2	50	1052360000
WQV 6/3	3	50	1054760000
WQV 6/4	4	50	1054860000
WQV 6/5	5	50	1062660000
WQV 6/7	7	50	1062680000
WQV 6/10	10	20	1052260000
QL			
QL 2	2	50	0194300000
QL 3	3	50	0194400000
QL 4	4	50	0194500000
QL 10	10	20	0338300000
QL 15	15	10	0221200000
Connecting sleeves			
VH 12 E-Cu 57 (copper alloy)		100	0249000000

WKS / WKB

WKS **WKB**

Type	No. of poles	Qty.	Order No.
WQV			
WKB 1/2	2	50	1604280000
WKB 1/3	3	50	1604300000
WKB 1/4	4	50	1604320000
WKB 1/10	10	20	1604330000
WKS			
WKS 1/2	2	50	1604270000
WKS 1/3	3	50	1604290000
WKS 1/4	4	50	1604310000
WKS 2/2	2	50	1936150000
WKS 2/3	3	50	1936140000

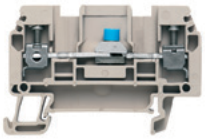
QS 2

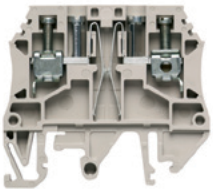
Type	No. of poles	Qty.	Order No.
WQV			
QS 2 x = 8 mm, y = 16 mm	2	20	0270960000
QS 2 x = 10 mm, y = 20 mm	2	20	0270860000
QS 2 x = 12 mm, y = 20 mm	2	20	0270760000

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WTL 4	WTL 4/2
		4 mm²	4 mm²
			Enforced short-circuit function
Width/Length/Height of lowest version	mm	6.1 x 61.3 x 40.7	6 x 56.5 x 50
max. current / max. cond. cross-section	A/mm²	41 / 6	11 / 6
Max. clamping range	mm²	0.13...6	0.13...6





Technical data

		WTL 4			WTL 4/2		
		IEC 60947-7-1			IEC 60947-7-1		
Rated data		**IEC**	**UL**	**CSA**	**IEC**	**UL**	**CSA**
Rated voltage	V	500	300 (C)	300 (D)	500	300 (D)	150 (C)
Rated current	A	32	28 (C)	10 (D)	10	8 (D)	8 (C)
Rated cross-section	mm²	4	AWG 26...10	4	4	AWG 26...10	4
Rated impulse withstand voltage / Pollution severity		6 kV / 3			6 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			A4 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...6 / 1.5...4			0.5...6 / 1.5...6		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			0.5...6 / 0.5...4		
Tightening torque range (terminal screw)		0.4...0.7 Nm (M 2.5)			0.5...0.8 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note		Use as a disconnect terminal with 500 V.			2 wires can be connected; similar to the WDU 4N.		

Ordering data

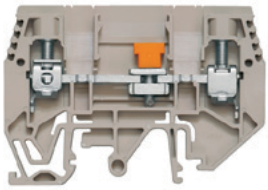
Version	WTL 4 Type	Qty.	Order No.	WTL 4/2 Type	Qty.	Order No.
Without socket	WTL 4	50	1754960000			
with socket	WTL 4/STB	50	1754970000	WTL 4/2 STB	50	1881650000
Note						

Accessories

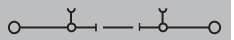
	WTL 4 Type	current	Qty.	Order No.	WTL 4/2 Type	current	Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 4/2	32 A	50	1051960000				
3-pole	WQV 4/3	32 A	50	1054560000				
4-pole	WQV 4/4	32 A	50	1054660000				
10-pole	WQV 4/10	41 A	20	1052060000				
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	ZAP/TW 1	2 mm	50	1608740000	WAP WTL4/2	2 mm	50	1881640000
Dark beige Wemid								
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
Cross-connection slider		**current**						
2-pole	QVS 2/4 SAKT4	32 A	20	1319260000				
3-pole								
4-pole								
Connecting sleeve for QVS								
Mounting screw for QVS	BFSC M3X22 SAKT4		50	1319900000				
Testing / Checking		**Width**						
Standard					WTA 8 TN	6 mm	25	1915450000
Test plug	PS 2.3 RT	5.4 mm	20	0180400000				
Socket - blue								
Socket - yellow								
Socket - green								
Socket - magenta								
Socket	STB 8.5/5/2.3/M3 SAK2.5		50	0280600000				
Socket - blue								
Socket - yellow								
Socket - green								
Miscellaneous accessories								
Lockout device								
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/6				WS 12/6			
Note					WTA 8-Series test adapter, WQV external cross-connection, end bracket and shield bus LS 2.8, refer to "Accessories"			

WTL 6/1 EN — 6 mm²

Longitudinal - disconnector



7.9 x 65 x 48.5
57 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA
630	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
6 kV / 3		
A5 / V-0		

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
1...1.6 Nm (M 3.5)
12 / 4.0 x 0.8 mm

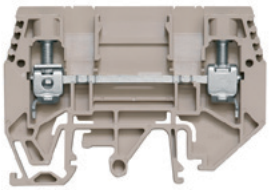
Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTL 6/1 EN	50	1934810000
WTL 6/1 EN STB	50	1934820000
TS32 version on request		

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6/1 EN	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
WEW 35/2	8 mm	100	1061200000
	current		
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000
	Width		
STB 21.6/45 BL	6.1 mm	50	1936290000
STB 21.6/45 GE	6.1 mm	50	1936240000
STB 21.6/45 GN	6.1 mm	50	1936250000
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1	6 mm	50	1847790000
STB 36.8/IH/GE WTL6/1	6 mm	50	1847760000
STB 36.8/IH/GN WTL6/1	6 mm	50	1847770000
DEK 5/8 / WS 12/8			

WTD 6/1 EN — 6 mm²

Feed-through



7.9 x 65 x 48.5
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
630	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
6 kV / 3		
A5 / V-0		

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
12 / 4.0 x 0.8 mm

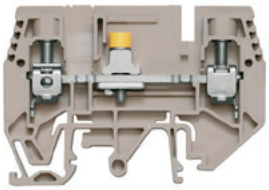
Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTD 6/1 EN	50	1934830000
TS32 version on request		

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6/1 EN	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
WEW 35/2	8 mm	100	1061200000
	current		
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000
	Width		
STB 21.6/45 BL	6.1 mm	50	1936290000
STB 21.6/45 GE	6.1 mm	50	1936240000
STB 21.6/45 GN	6.1 mm	50	1936250000
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1	6 mm	50	1847790000
STB 36.8/IH/GE WTL6/1	6 mm	50	1847760000
STB 36.8/IH/GN WTL6/1	6 mm	50	1847770000
DEK 5/8 / WS 12/8			

WTQ 6/1 EN — 6 mm²

Cross-connect/disconnect (isolator)



7.9 x 65 x 48.5
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
6 kV / 3		
A5 / V-0		

Rated connection
0.5...10 / 1.5...
0.5...10 / 0.5...6
(M 3.5)
12 / 4.0 x 0.8 mm

Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTQ 6/1 EN	50	1934790000
WTQ 6/1 EN STB	50	1934800000
TS32 version on request		

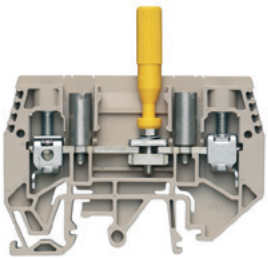
Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6/1 EN	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
WEW 35/2	8 mm	100	1061200000
	current		
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000
	Width		
STB 21.6/45 BL	6.1 mm	50	1936290000
STB 21.6/45 GE	6.1 mm	50	1936240000
STB 21.6/45 GN	6.1 mm	50	1936250000
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1	6 mm	50	1847790000
STB 36.8/IH/GE WTL6/1	6 mm	50	1847760000
STB 36.8/IH/GN WTL6/1	6 mm	50	1847770000
DEK 5/8 / WS 12/8			

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be implemented.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WTL 6/1/STB/TNSC/EN — 6 mm²

Longitudinal separator



Width/Length/Height of lowest version	mm	7.9 x 65 x 66.5
max. current / max. cond. cross-section	A/mm²	**57 / 10**
Max. clamping range	mm²	**0.5...10**

Technical data

IEC 60947-7-1

Rated data		IEC	UL	CSA
Rated voltage	V	630	300 (C)	300 (C)
Rated current	A	41	45 (C)	45 (C)
Rated cross-section	mm²	6	AWG 20...8	6
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A5 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...10 / 1.5...		
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6		
Tightening torque range (terminal screw)		1...1.6 Nm (M 3.5)		
Stripping length / Blade size	mm/-	12 / 4.0 x 0.8 mm		
Note		Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.		

Ordering data

Version	Type	Qty.	Order No.
Without socket	WTL 6/1/TNSC/EN	50	**1345280000**
with socket	WTL 6/1/STB/TNSC/EN	50	**1938820000**
Note	TS32 version on request		

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WTL6/1 EN	1.5 mm	20	**1957710000**
Dark beige Wemid	WTW WTL6/1 DB	1.5 mm	20	**1068400000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Cross-connection slider		**current**		
2-pole	WKS 2/2		50	**1936140000**
3-pole	WKS 2/3		50	**1936150000**
4-pole	WKS 2/4		50	**1936160000**
Connecting sleeve for QVS	VH 16/5/3.5 SAK10-35		50	**0309700000**
Mounting screw for QVS				
Testing / Checking		**Width**		
Standard				
Test plug				
Socket - blue	STB 21.6/45 BL	6.1 mm	50	**1936290000**
Socket - yellow	STB 21.6/45 GE	6.1 mm	50	**1936240000**
Socket - green	STB 21.6/45 GN	6.1 mm	50	**1936250000**
Socket - magenta				
Socket	STB 14/D6/4/M3 SAK10		500	**2012420000**
Socket - blue				
Socket - yellow				
Socket - green				
Miscellaneous accessories				
Lockout device				
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/8 / WS 12/8			
Note				

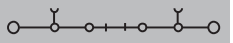
Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WTL 6/2 — 6 mm²

Longitudinal - disconnector

Width/Length/Height of lowest version	mm	8 x 87 x 62
max. current / max. cond. cross-section	A/mm²	**57 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA
Rated voltage	500	300 (C)	300 (C)
Rated current	41	45 (C)	45 (C)
Rated cross-section	6	AWG 20...8	6
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A5 / V-0	
Approvals			
Clamped conductors (H05V/H07V)	**Rated connection**		
Solid / stranded mm²	0.5...10 / 1.5...10		
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6		
Tightening torque range (terminal screw)	1...1.6 Nm (M 3.5)		
Stripping length / Blade size mm/-	12 / 4.0 x 0.8 mm		

Note: Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Ordering data

Version	Type	Qty.	Order No.
Without socket			
with socket	WTL 6/2	50	**1017700000**

Note: TS32 versions on request

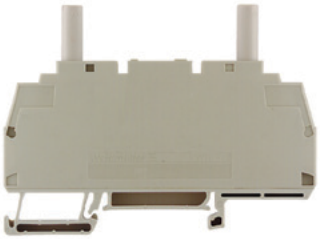
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate				
Dark beige Wemid				
Dark beige Wemid				
End bracket		**Width**		
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Cross-connection slider		**current**		
2-pole	WKS 1/2		50	**1604270000**
3-pole	WKS 1/3		50	**1604290000**
4-pole	WKS 1/4		50	**1604310000**
Connecting sleeve for QVS				
Mounting screw for QVS				
Testing / Checking		**Width**		
Standard				
Test plug	PS 4 F.STB 4	7.6 mm	20	**0299600000**
Socket - blue				
Socket - yellow				
Socket - green				
Socket - magenta				
Socket				
Socket - blue				
Socket - yellow				
Socket - green				
Miscellaneous accessories				
Lockout device	SSP WTL6/2		100	**1604200000**
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/8 / WS 12/8			

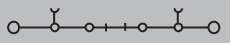
Note: For additional test and isolating terminal blocks accessories, refer to the "Accessories" chapter.

WTL 6/3 — 6 mm²

Longitudinal - disconnector



Width/Length/Height of lowest version	mm	7.9 x 87 x 65
max. current / max. cond. cross-section	A/mm²	**57 / 10**
Max. clamping range	mm²	**0.5...10**



IEC 60947-7-1

Rated data	IEC	UL	CSA
Rated voltage	500	300 (C)	300 (C)
Rated current	41	45 (C)	45 (C)
Rated cross-section	6	AWG 20...8	6
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A5 / V-0	
Approvals			
Clamped conductors (H05V/H07V)	**Rated connection**		
Solid / stranded mm²	0.5...10 / 1.5...10		
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6		
Tightening torque range (terminal screw)	(M 3.5)		
Stripping length / Blade size mm/-	12 / 4.0 x 0.8 mm		

Version	Type	Qty.	Order No.
Without socket	WTL 6/3	50	**1018800000**
with socket	WTL 6/3/STB	50	**1018600000**

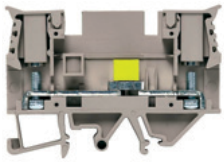
Note: TS32 versions on request

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate				
Dark beige Wemid				
Dark beige Wemid				
End bracket		**Width**		
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Cross-connection slider		**current**		
2-pole	WKS 1/2		50	**1604270000**
3-pole	WKS 1/3		50	**1604290000**
4-pole	WKS 1/4		50	**1604310000**
Connecting sleeve for QVS				
Mounting screw for QVS				
Testing / Checking		**Width**		
Standard				
Test plug	PS 4 F.STB 4	7.6 mm	20	**0299600000**
Socket - blue	STB 21.6/IH/BL WTL6/3	6.2 mm	50	**1071080000**
Socket - yellow	STB 21.6/IH/GE WTL6/3	6.2 mm	50	**1071010000**
Socket - green	STB 21.6/IH/GN WTL6/3	6.2 mm	50	**1071020000**
Socket - magenta	STB 21.6/IH/VI WTL6/3	6.2 mm	50	**1071030000**
Socket				
Socket - blue				
Socket - yellow				
Socket - green				
Miscellaneous accessories				
Lockout device	SSP WTL6/2		100	**1604200000**
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/8 / WS 12/8			

Note: For additional test and isolating terminal blocks accessories, refer to the "Accessories" chapter.

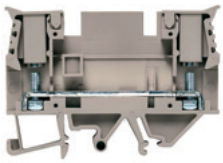
WTL 6/4 FF

Longitudinal - disconnector

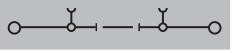


WTD 6/4 FF

Feed-through



		WTL 6/4 FF	WTD 6/4 FF
Width/Length/height	mm	11 x 76.5 x 52	11 x 76.5 x 52
Max. current / max. cond. cross-section	A/mm²	41 / 6	41 / 6
Max. clamping range	mm²	0.13 ... 6	0.13 ... 6



Technical data

IEC 60947-7-1 / VDE 0100-537

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600	600	
		500 V when used as test-disconnect terminal			
Rated current	A	41	30	30	
Rated cross-section	mm²	6	AWG 26 ...10	AWG 26...10	
Tightening torque range clamping screw / isolator	Nm	1.2 ... 1.9 / 0.5 ... 0.8			
Approvals		IEC			
Note					

IEC 60947-7-1 / VDE 0100-537

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600	600	
		500 V when used as test-disconnect terminal			
Rated current	A	41	30	30	
Rated cross-section	mm²	6	AWG 26 ...10	AWG 26...10	
Tightening torque range clamping screw / isolator	Nm	1.2 ... 1.9			
Approvals		IEC			
Note					

Ordering data

Version	Type	Qty.	Order No.
	WTL 6/4 FF	50	1887210000
Note	Insulated cable lugs		

Version	Type	Qty.	Order No.
	WTD 6/4 FF	50	1887220000
Note	Insulated cable lugs		

Accessories

Cross-connection	Type	Qty.	Order No.
ZQV: pluggable cross-connection 2-pole	ZQV 10/2	25	1739680000
End plate / partition			
Dark beige Wemid	WAP WTL6/4FF	20	1887240000
End bracket			
	EWK 1/TS 32	100	0206160000
	WEW 35/2 / TS 35	100	1061200000
	EW 35 /SCHA/M3	100	0258660000
Screw			
	BS M3x20		0303000000
Joint ferrule			
	VH 13.5		0248500000
Cross-connection tabs			
	QL 2 WTL 6/4 FF		1897010000
	QL 3 WTL 6/4 FF		1897020000
	QL 4 WTL 6/4 FF		1897030000
	QL 10 WTL 6/4 FF		1897090000
	QL 50 WTL 6/4 FF		1897100000
Cross-connection			
	Q 2 WTL 6/4 FF		1897110000
	Q 3 WTL 6/4 FF		1897120000
	Q 4 WTL 6/4 FF		1897130000
	Q 10 WTL 6/4 FF		1897190000
Insulating sleeve			
	DS 13.5 WTL 6/4		1897000000
Cross-connection plug			
	QS 2 (2-pole)		0270760000
Cable lug			
	LIR 1.5 M4 V		9200090000
	LIR 2.5 M4 V		9200170000
	LIR 6 M4 V		9200230000
Tools			
Screwdriver	SDI 0.8 x 4.0		9008400000
	SD 0.8 x 4.0		9008340000
	SDIZ 0.8 x 5.5		9008640000
Crimping tools	CTI 6		9006120000
Marking systems			
Marking tags	WS 10/5 / DEK 5		
For detailed information on other accessories and applications, refer to the "Accessories" section.	For additional test-disconnect terminal accessories, refer to the Accessories Chapter.		

Cross-connection	Type	Qty.	Order No.
	ZQV 10/2	25	1739680000
End plate / partition			
	WAP WTL6/4FF	20	1887240000
End bracket			
	EWK 1/TS 32	100	0206160000
	WEW 35/2 / TS 35	100	1061200000
	EW 35 /SCHA/M3	100	0258660000
Screw			
	BS M3x20		0303000000
Joint ferrule			
	VH 13.5		0248500000
Cross-connection tabs			
	QL 2 WTL 6/4 FF		1897010000
	QL 3 WTL 6/4 FF		1897020000
	QL 4 WTL 6/4 FF		1897030000
	QL 10 WTL 6/4 FF		1897090000
	QL 50 WTL 6/4 FF		1897100000
Cross-connection			
	Q 2 WTL 6/4 FF		1897110000
	Q 3 WTL 6/4 FF		1897120000
	Q 4 WTL 6/4 FF		1897130000
	Q 10 WTL 6/4 FF		1897190000
Insulating sleeve			
	DS 13.5 WTL 6/4		1897000000
Cross-connection plug			
	QS 2 (2-pole)		0270760000
Cable lug			
	LIR 1.5 M4 V		9200090000
	LIR 2.5 M4 V		9200170000
	LIR 6 M4 V		9200230000
Tools			
	SDI 0.8 x 4.0		9008400000
	SD 0.8 x 4.0		9008340000
	SDIZ 0.8 x 5.5		9008640000
	CTI 6		9006120000
Marking systems			
	WS 10/5 / DEK 5		
	For additional test-disconnect terminal accessories, refer to the Accessories Chapter.		

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

WTR 35 E — 35 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	32 x 100 x 68
max. current / max. cond. cross-section	A/mm²	**125 / 35**
Max. clamping range	mm²	**4...35**

Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	24		
Rated current	A	125		
Rated cross-section	mm²	35		
Rated impulse withstand voltage / Pollution severity			0.8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			B9 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	4...16 / 10...35		
Flexible / Flexible with ferrule	mm²	4...35 / 4...35		
Tightening torque range (terminal screw)		4 Nm (M 6)		
Stripping length / Blade size	mm/-	18 / 1.2 x 6.5 mm		
Note				

Ordering data

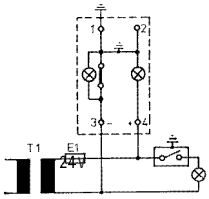
Version	Type	Qty.	Order No.
Dark beige Wemid, 24 V	WTR 35 E	5	**1045970000**
Note			

Accessories

End bracket	Type	Width	Qty.	Order No.
Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**
Screwdriver				
Standard	SDS 1.2X6.5X150		1	**9009010000**
Identification systems (see assortment in catalogue 7)				
Marking tags	WS 12/6			
Note				

Operation mode

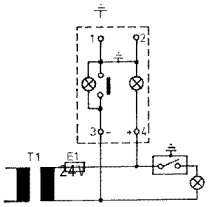
Operating mode



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

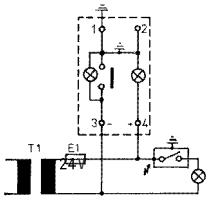
Test position

When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must first be disconnected.



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must be disconnected.

Operational malfunction

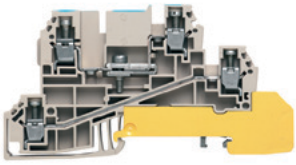
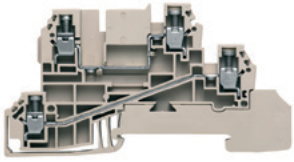
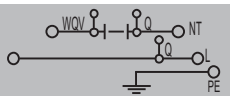
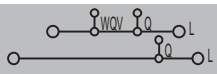


- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

Distribution terminal with WQV

N-busbars may not be used in certain applications (medical systems). Instead, installation terminals with a disconnector in the centre of the terminal can be used.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDL 2.5/NT/L/PE	2.5 mm²	WDL 2.5/L/L	2.5 mm²
					
Width/Length/Height of lowest version	mm	6.1 x 90 x 49		6.1 x 90 x 49	
max. current / max. cond. cross-section	A/mm²	32 / 4		32 / 4	
Max. clamping range	mm²	0.13...4		0.13...4	

Technical data

		WDL 2.5/NT/L/PE			WDL 2.5/L/L		
Rated data		IEC 60947-7-1 (-7-2)			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	400	300 (C)	300 (D)	400	300 (C)	300 (D)
Rated current	A	24	15 (C)	10 (D)	24	15 (C)	10 (D)
Rated cross-sectionAWG 26...12	mm²	2.5	AWG 22...12	AWG 26...12	2.5	AWG 22...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		4 kV / 3			6 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3, A4 / V-0			A3, A4 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			8 / 0.6 x 3.5 mm		
Note		Further connection refers to clamping point at top left (A4) 2-conductor, 1.5 mm², solid, with 0.6 Nm.			Further connection refers to clamping point at top left (A4) 2-conductor, 1.5 mm², solid, with 0.6 Nm.		

Ordering data

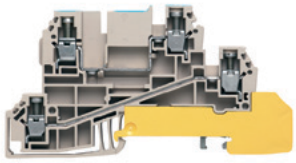
Version	WDL 2.5/NT/L/PE			WDL 2.5/L/L		
	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WDL 2.5/NT/L/PE	50	1029800000	WDL 2.5/L/L	50	1030300000
Note	PE connection is marked green-yellow.			WDL 2.5/N/L Order no. 1030000000 (upper connection is marked blue).		

Accessories

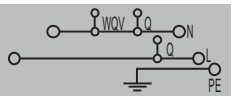
Screwable cross-connection	WDL 2.5/NT/L/PE				WDL 2.5/L/L			
	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	Q 2 WDL2.5S	24 A	50	1071500000	Q 2 WDL2.5S	24 A	50	1071500000
3-pole	Q 3 WDL2.5S	24 A	50	1071600000	Q 3 WDL2.5S	24 A	50	1071600000
4-pole	Q 4 WDL2.5S	24 A	50	1071700000	Q 4 WDL2.5S	24 A	50	1071700000
10-pole	Q 10 WDL2.5S	24 A	20	1071800000	Q 10 WDL2.5S	24 A	20	1071800000
20-/24-pole	Q 20 WDL2.5S	24 A	20	1074200000	Q 20 WDL2.5S	24 A	20	1074200000
End plate / Partition plate		Width				Width		
Dark beige Wemid	WAP WDL2.5	1.5 mm	20	1067800000	WAP WDL2.5	1.5 mm	20	1067800000
Support bracket for 10 x 3 (required every 20 cm)								
Dark beige Wemid	WHP WDL2.5/S BL	2 mm	20	1067980000	WHP WDL2.5/S BL	2 mm	20	1067980000
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
Screwdriver								
With "swifty set" cutting device	SWIFTY SET	18 mm	1	9006060000	SWIFTY SET	18 mm	1	9006060000
Standard	SDIS 0.6X3.5X100		1	9008390000	SDIS 0.6X3.5X100		1	9008390000

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note		

WDL 2.5/N/L/PE — 2.5 mm²



6.1 x 90 x 49
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3, A4 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm.

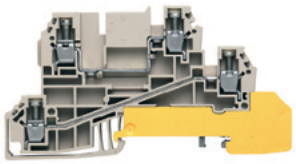
Type	Qty.	Order No.
WDL 2.5/N/L/PE	50	1029900000

PE connection is marked green-yellow.

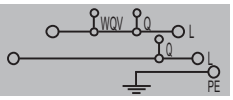
Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
	Width		
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	2 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDIS 0.6X3.5X100		1	9008390000

DEK 5/5 / WS 8/5

WDL 2.5/L/L/PE — 2.5 mm²



6.1 x 90 x 49
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3, A4 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm.

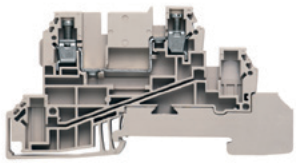
Type	Qty.	Order No.
WDL 2.5/L/L/PE	50	1030200000

PE connection is marked green-yellow.

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
	Width		
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	2 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDIS 0.6X3.5X100		1	9008390000

DEK 5/5 / WS 8/5

WDL 2.5/L — 2.5 mm²



6.1 x 90 x 49
32 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3, A4 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm.

Type	Qty.	Order No.
WDL 2.5/L	50	1030400000

WDL 2.5/S/N Order no. 1030900000 (connection marked blue).

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
	Width		
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	2 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDIS 0.6X3.5X100		1	9008390000

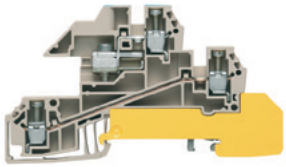
DEK 5/5 / WS 8/5

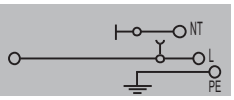
Distribution terminals with 10 x 3 busbar

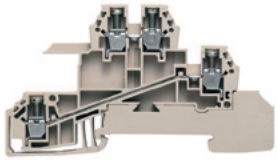
Space-saving wiring of three-phase circuits using only two terminals.

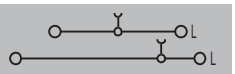
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDL 2.5/S/NT/L/PE 2.5 mm²	WDL 2.5/S/L/L 2.5 mm²
Width/Length/Height of lowest version	mm	6.1 x 84.5 x 49	6.1 x 84.5 x 49
max. current / max. cond. cross-section	A/mm²	32 / 4	32 / 4
Max. clamping range	mm²	0.13...4	0.13...4









Technical data

Rated data		WDL 2.5/S/NT/L/PE			WDL 2.5/S/L/L		
		IEC 60947-7-1 (-7-2)			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	400	300 (C)	300 (D)	400	300 (C)	300 (D)
Rated current	A	24	15 (C)	10 (D)	24	15 (C)	10 (D)
Rated cross-section	mm²	2.5	AWG 22...12	AWG 26...12	2.5	AWG 22...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		4 kV / 3			6 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			A3 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			8 / 0.6 x 3.5 mm		
Note		Rated voltage of L-PE and L-NT: 250 V Tightening torque of isolator: 0.4..0.6 Nm					

Ordering data

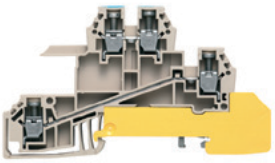
Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	Dark beige Wemid	WDL 2.5/S/NT/L/PE	50	1030600000	WDL 2.5/S/L/L	50	1031200000
Note		PPE connection marked green/yellow, three-phase circuit together with WDL 2.5/S/L/L			WDL 2.5/S/N/L Order no. 1030800000 (upper connection marked blue).		

Accessories

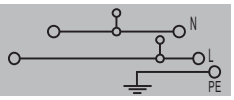
Screwable cross-connection		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
	2-pole	Q 2 WDL2.5S	24 A	50	1071500000	Q 2 WDL2.5S	24 A	50	1071500000
	3-pole	Q 3 WDL2.5S	24 A	50	1071600000	Q 3 WDL2.5S	24 A	50	1071600000
	4-pole	Q 4 WDL2.5S	24 A	50	1071700000	Q 4 WDL2.5S	24 A	50	1071700000
	10-pole	Q 10 WDL2.5S	24 A	20	1071800000	Q 10 WDL2.5S	24 A	20	1071800000
	20-/24-pole	Q 20 WDL2.5S	24 A	20	1074200000	Q 20 WDL2.5S	24 A	20	1074200000
End bracket			**Width**				**Width**		
	Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
End plate / Partition plate									
	Dark beige Wemid	WAP WDL2.5/S	1.5 mm	20	1067700000	WAP WDL2.5/S	1.5 mm	20	1067700000
Support bracket for 10 x 3 (required every 20 cm)									
	Dark beige Wemid	WHP WDL2.5/S BL	2 mm	20	1067980000	WHP WDL2.5/S BL	2 mm	20	1067980000
Busbar 10 x 3 (140 A)									
	OK, Busbar up to OK, TS35 = 25,5 mm	SSCH 10X3X1000 CU/SN	10 mm	1	0348900000	SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
Clamping yoke for power supply to 10 x 3 busbars									
	Rigid / flexible 0,5 - 6 / 4 mm²	ZB 4	5.6 mm	50	0316500000	ZB 4	5.6 mm	50	0316500000
	Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC	10 mm	50	0316600000	ZB 16 ZKSC	10 mm	50	0316600000
	Flexible 16 - 35 mm²	ZB 35/M6X16	14 mm	20	0266500000	ZB 35/M6X16	14 mm	20	0266500000

Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note			

WDL 2.5/S/N/L/PE — 2.5 mm²



6.1 x 84.5 x 49
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

L-PE / L-N 250V

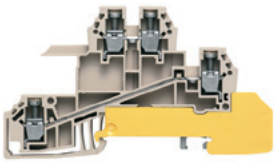
Type	Qty.	Order No.
WDL 2.5/S/N/L/PE	50	1030700000

PE connection is marked green-yellow.

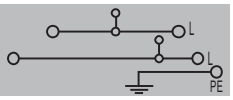
Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
	Width		
WEW 35/2	8 mm	100	1061200000
WAP WDL2.5/S	1.5 mm	20	1067700000
WHP WDL2.5/S BL	2 mm	20	1067980000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 8/5

WDL 2.5/S/L/L/PE — 2.5 mm²



6.1 x 84.5 x 49
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

L-PE 250V

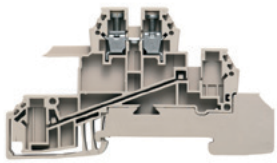
Type	Qty.	Order No.
WDL 2.5/S/L/L/PE	50	1031100000

PE connection is marked green-yellow.

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
	Width		
WEW 35/2	8 mm	100	1061200000
WAP WDL2.5/S	1.5 mm	20	1067700000
WHP WDL2.5/S BL	2 mm	20	1067980000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 8/5

WDL 2.5/S/L — 2.5 mm²



6.1 x 84.5 x 49
32 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDL 2.5/S/L	50	1031300000

WDL 2.5/S/N Order no. 1030900000 (connection marked blue)

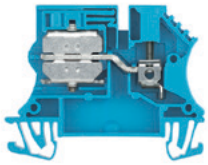
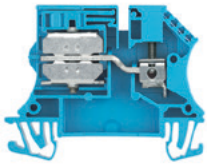
Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
	Width		
WEW 35/2	8 mm	100	1061200000
WAP WDL2.5/S	1.5 mm	20	1067700000
WHP WDL2.5/S BL	2 mm	20	1067980000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 8/5

Neutral conductor disconnect terminals

These special modular terminals are specified for insulation measurements, without disconnecting the conductor according to VDE standards, for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WNT 2.5	2.5 mm²	WNT 4	4 mm²
					
Width/Length/Height of lowest version	mm	5.1 x 60 x 47		6.1 x 60 x 47	
max. current / max. cond. cross-section	A/mm²	**32 / 4**	NT	**41 / 6**	NT
Max. clamping range	mm²	**0.13...4**		**0.13...6**	

Technical data

		WNT 2.5			WNT 4		
Rated data		IEC 60947-7-1			IEC 60947-7-1		
		IEC	**UL**	**CSA**	**IEC**	**UL**	**CSA**
Rated voltage	V	400	600 (C)	600 (C)	400	600 (C)	600 (C)
Rated current	A	24	25 (C)	20 (C)	32	35 (C)	25 (C)
Rated cross-section	mm²	2.5	AWG 22...12	AWG 26...12	4	AWG 22...10	AWG 26...10
Rated impulse withstand voltage / Pollution severity		6 kV / 3			6 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			A4 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...6 / 1.5...6		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...6 / 0.5...4		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.5...1 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note		Tightening torque, N-isolator 0.4..0.6 Nm			Tightening torque, N-isolator 0.4..0.8 Nm		

Ordering data

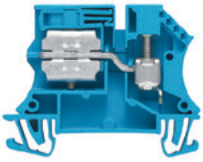
Version	WNT 2.5 Type	Qty.	Order No.	WNT 4 Type	Qty.	Order No.
Dark beige Wemid	WNT 2.5 10X3 BE	100	**1010600000**			
Blue Wemid	WNT 2.5 10X3	100	**1010680000**	WNT 4 10X3	100	**1010780000**
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).					

Accessories

	WNT 2.5 Type	Width	Qty.	Order No.	WNT 4 Type	Width	Qty.	Order No.
End plate / Partition plate								
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
Blue Wemid	WAP 2.5-10 BL	1.5 mm	50	**1050080000**	WAP 2.5-10 BL	1.5 mm	50	**1050080000**
Support bracket for 10 x 3 (required every 20 cm)								
Blue Wemid	WHP 2.5-35N/10x3 BL	2 mm	20	**1050280000**	WHP 2.5-35N/10x3 BL	2 mm	20	**1050280000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Screwdriver								
With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**	SWIFTY SET	18 mm	1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**
Busbar 10 x 3 (140 A)								
OK, Busbar up to OK, TS35 = 25,5 mm	SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**	SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars								
Rigid / flexible 0,5 - 6 / 4 mm²	ZB 4	5.6 mm	50	**0316500000**	ZB 4	5.6 mm	50	**0316500000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC	10 mm	50	**0316600000**	ZB 16 ZKSC	10 mm	50	**0316600000**
Flexible 16 - 35 mm²	ZB 35/M6X16	14 mm	20	**0266500000**	ZB 35/M6X16	14 mm	20	**0266500000**

Identification systems	(see assortment in catalogue 7)		
Marking tags		DEK 5/5 / WS 12/5	DEK 5/5 / WS 12/5
Note			

WNT 6 — 6 mm²



7.9 x 60 x 47
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	600 (C)
41	45 (C)	35 (C)
6	AWG 20...8	AWG 26...8
6 kV / 3		
A5 / V-0		

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.2 Nm (M 3.5)
12 / 4.0 x 0.8 mm

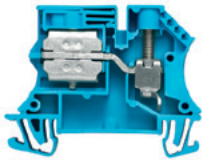
Tightening torque, N-isolator 0.8..1.6 Nm

Type	Qty.	Order No.
WNT 6 10X3	50	1010880000

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 12/5

WNT 10 — 10 mm²



9.9 x 60 x 47
76 / 16
1.31...16

IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	600 (C)
57	60 (C)	50 (C)
10	AWG 16...8	AWG 16...6
6 kV / 3		
B6 / V-0		

Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
12...20 Nm (M 4)
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8..1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WNT 10 10X3 BE	50	1010900000
WNT 10 10X3	50	1010980000

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 12/5

WNT 16N — 16 mm²

12 x 60 x 47
101 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (C)
76	65 (C)	65 (C)
16	AWG 14...6	AWG 14...6
6 kV / 3		
B7 / V-0		

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
1.2...2.2 Nm (M 4)
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8..1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WNT 16N 10X3	50	1019000000

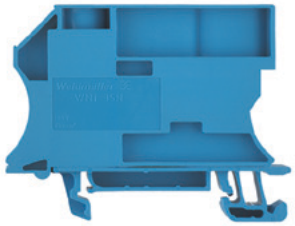
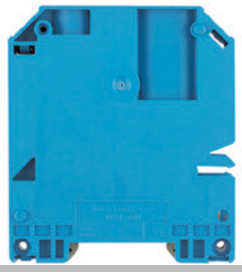
Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 12/5

Neutral conductor disconnect terminals

These special modular terminals are specified for insulation measurements, without disconnecting the conductor according to VDE standards, for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WNT 35N 35 mm²	WNT 70N 70 mm²
		Compact design	Compact design
			
Width/Length/Height of lowest version	mm	16 x 66 x 51	20.5 x 75 x 86
max. current / max. cond. cross-section	A/mm²	**150 / 50**	**207 / 95**
Max. clamping range	mm²	**2.5...50**	**10...95**

Technical data

		WNT 35N	WNT 70N
Rated data		IEC 60947-7-1	IEC 60947-7-1
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage	V	400	400 / 600 (C)
Rated current	A	125	192 / 175 (C)
Rated cross-section	mm²	35	70 / AWG 6...00
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		B8 / V-0	B11 / V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	2.5...16 / 2.5...50	10...16 / 10...95
Flexible / Flexible with ferrule	mm²	2.5...35 / 2.5...35	10...70 / 10...70
Tightening torque range (terminal screw)		4...5 Nm (M 6)	60...12 Nm (M 8)
Stripping length / Blade size	mm/-	18 / 6.5 x 1.2 mm	22 / S6 (DIN 6911)
Note		The tightening torque for 16 - 50 mm² stranded conductors is 4.5 Nm. Tightening torque for N-isolator: 1.2...2.4 Nm.	Tightening torque, N-isolator 2.5..5.0 Nm.

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	Dark beige Wemid						
	Blue Wemid	WNT 35N 10X3	20	**1718550000**	WNT 70N/35	10	**9512210000**
Note							

Accessories

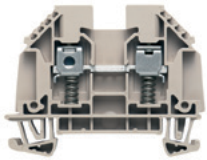
		Type	Width	Qty.	Order No.	Type	Width	Qty.	Order No.
End plate / Partition plate									
	Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
	Blue Wemid	WAP 2.5-10 BL	1.5 mm	50	**1050080000**	WAP 2.5-10 BL	1.5 mm	50	**1050080000**
Support bracket for 10 x 3 (required every 20 cm)									
	Blue Wemid	WHP 2.5-35N/10x3 BL	2 mm	20	**1050280000**	WHP 2.5-35N/10x3 BL	2 mm	20	**1050280000**
End bracket									
	Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Screwdriver									
	With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**	SWIFTY SET	18 mm	1	**9006060000**
	Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**
Busbar 10 x 3 (140 A)									
	OK, Busbar up to OK, TS35 = 25,5 mm	SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**	SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars									
	Rigid / flexible 0,5 - 6 / 4 mm²	ZB 4	5.6 mm	50	**0316500000**	ZB 4	5.6 mm	50	**0316500000**
	Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC	10 mm	50	**0316600000**	ZB 16 ZKSC	10 mm	50	**0316600000**
	Flexible 16 - 35 mm²	ZB 35/M6X16	14 mm	20	**0266500000**	ZB 35/M6X16	14 mm	20	**0266500000**

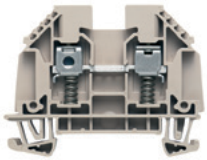
Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/5 / WS 12/5	DEK 5/5 / WS 12/5
Note		Refer to the "W-Series Accessories" section for PEN bridges.	

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDU 4 SL	4 mm²	WDU 6 SL	6 mm²
Width/Length/Height of lowest version	mm	6.1 x 60 x 47		7.9 x 60 x 47	
max. current / max. cond. cross-section	A/mm²	**41 / 6**		**57 / 10**	
Max. clamping range	mm²	**0.22...6**		**0.5...10**	





Technical data

Rated data		WDU 4 SL				WDU 6 SL			
		IEC 60947-7-1		Ex e II	II 2 G D	IEC 60947-7-1		Ex e II	II 2 G D
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	600 (C)	300 (C)	275	500	150 (C)	300 (C)	275
Rated current	A	32	30 (C)	25 (C)	28	41	50 (C)	45 (C)	36
Rated cross-section	mm²	4	AWG 22...10	AWG 22...10	4	6	AWG 20...8	AWG 20...8	6
Rated impulse withstand voltage / Pollution severity		6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94		A4 / V-0				A5 / V-0			
Approvals		SIRA 02ATEX3242 U				SIRA 02ATEX3242 U			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / stranded	mm²	0.5...6 / 1.5...6				0.5...10 / 1.5...10			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				0.5...6			
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)				1 Nm(M 3.5)			
Stripping length / Blade size	mm/-	15 / 0.6 x 3.5 mm				16 / 4.0 x 0.8 mm			
2 conductors with same cross-section (H05V/H07V)									
Solid / stranded	mm²	0.5...1.5				0.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5							
Note		Note the max. current of the terminal (41 A) when using the cross-connector!				ESI rated data: 500 V / 24 A / Note the max. current of the terminal (57 A) when using the cross-connector!			

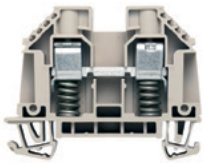
Ordering data

Version	WDU 4 SL Type	Qty.	Order No.	WDU 6 SL Type	Qty.	Order No.
Dark beige Wemid	WDU 4 SL	50	**9537440000**	WDU 6 SL	50	**9537460000**
Dark beige Wemid (combi clip-on feet TS32/25)						
Black Wemid (combi clip-on feet TS32/25)						
Without STB						
Note	With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).			With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

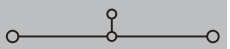
Accessories

Pluggable cross-connection	WDU 4 SL Type	current	Qty.	Order No.	WDU 6 SL Type	current	Qty.	Order No.
2-pole	ZQV 4N/2 GE	32 A	60	**1758250000**				
3-pole	ZQV 4N/3 GE	32 A	60	**1762630000**				
4-pole	ZQV 4N/4 GE	32 A	60	**1762620000**				
10-pole	ZQV 4N/10 GE	32 A	20	**1758260000**				
20-/24-pole	ZQV 4N/20 GE	32 A	20	**1909020000**				
Screwable cross-connection								
2-pole	WQV 4/2	32 A	50	**1051960000**	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 4/3	32 A	50	**1054560000**	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 4/4	32 A	50	**1054660000**	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 4/10	41 A	20	**1052060000**	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
Black Wemid	WAP 2.5-10 SW	1.5 mm	50	**1050010000**	WAP 2.5-10 SW	1.5 mm	50	**1050010000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Testing / Checking								
Standard	WTA 3 WDU4	6 mm	25	**1632350000**	WTA 5/1	5 mm	25	**1051260000**
Hak. Cable lugs								
	HBT 1,5 - 3,0 RT		100	**1312440000**	HBT 1,5 - 4,6 RT		100	**1233340000**
	HBT 2,5 - 3,0 BL		100	**1312450000**	HBT 2,5 - 4,6 BL		100	**1233330000**
					HBT 6,0 - 4,6 GE		100	**1216230000**
Identification systems (see assortment in catalogue 7)								
Marking tags	WS 12/6				DEK 5/8 / WS 12/6,5			
Note								

WDU 10 SL — 10 mm²



9.9 x 60 x 47
76 / 10
1.31...10



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	150 (C)	300 (C)	275
57	50 (C)	65 (C)	50
10	AWG 16...8	AWG 16...6	10
6 kV / 3			
A5 / V-0			

SIRA 02ATEX3242 U

Rated connection
1.5...10 / 1.5...10
1...6 / 1.5...10
1.2...2.4 Nm (M 4)
17 / 1.0 x 5.5 mm
1.5...4
2.5...4 / 1...4

ESI rated data: 500 V / 36 A / 16 mm² stranded connection must be tightened with 2 Nm.

Type	Qty.	Order No.
WDU 10 SL	50	9537480000
WDU 10 SL SW	50	9537400000

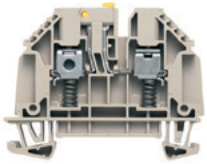
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	1052560000
WQV 10/3	57 A	50	1054960000
WQV 10/4	57 A	50	1055060000
WQV 10/10	57 A	20	1052460000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
WTA 5/1	5 mm	25	1051260000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

DEK 5/5 / WS 12/6,5

WTR 4 SL — 4 mm²

With clamping screw



6.1 x 61.5 x 48.6
32 / 6
0.22...6

IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR 4 SL	50	7910270000

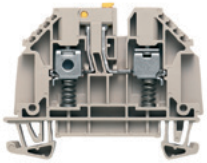
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000

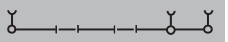
DEK 5/6 / WS 12/6

WTR 4 SL STB — 4 mm²

With socket



6.1 x 61.5 x 47
32 / 6
0.22...6



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR 4 STB SL	50	7910300000

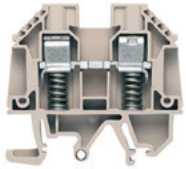
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000

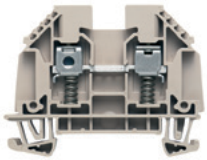
DEK 5/6 / WS 12/6

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDU 4 SL/EN	4 mm²	WDU 6 SL/EN	6 mm²
Width/Length/Height of lowest version	mm	6.1 x 60 x 53.5		7.9 x 60 x 53.5	
max. current / max. cond. cross-section	A/mm²	**41 / 6**		**57 / 10**	
Max. clamping range	mm²	**0.22...6**		**0.5...10**	





Technical data

		WDU 4 SL/EN				WDU 6 SL/EN			
Rated data		IEC 60947-7-1		Ex e II	II 2 G D	IEC 60947-7-1		Ex e II	II 2 G D
		IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	500	600 (C)	300 (C)	275	500	150 (C)	300 (C)	275
Rated current	A	32	30 (C)	25 (C)	28	41	50 (C)	45 (C)	36
Rated cross-section	mm²	4	AWG 22...10	AWG 22...10	4	6	AWG 20...8	AWG 20...8	6
Rated impulse withstand voltage / Pollution severity		6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94		A4 / V-0				A5 / V-0			
Approvals		SIRA 02ATEX3242 U				SIRA 02ATEX3242 U			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / stranded	mm²	0.5...6 / 1.5...6				0.5...10 / 1.5...10			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				0.5...6			
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)				1 Nm(M 3.5)			
Stripping length / Blade size	mm/-	15 / 0.6 x 3.5 mm				16 / 4.0 x 0.8 mm			
2 conductors with same cross-section (H05V/H07V)									
Solid / stranded	mm²	0.5...1.5				0.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5							
Note		Note the max. current of the terminal (41 A) when using the cross-connector!				ESI rated data: 500 V / 24 A / Note the max. current of the terminal (57 A) when using the cross-connector!			

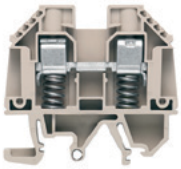
Ordering data

Version	WDU 4 SL/EN Type	Qty.	Order No.	WDU 6 SL/EN Type	Qty.	Order No.
Dark beige Wemid						
Dark beige Wemid (combi clip-on feet TS32/25)	WDU 4 SL/EN	50	**9537450000**	WDU 6 SL/EN	50	**9537470000**
Black Wemid (combi clip-on feet TS32/25)	WDU 4 SL/EN SW	50	**9537510000**	WDU 6 SL/EN SW	50	**9537430000**
Without STB						
Note	With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).			With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

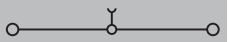
Accessories

	WDU 4 SL/EN Type	current	Qty.	Order No.	WDU 6 SL/EN Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 4N/2 GE	32 A	60	**1758250000**				
3-pole	ZQV 4N/3 GE	32 A	60	**1762630000**				
4-pole	ZQV 4N/4 GE	32 A	60	**1762620000**				
10-pole	ZQV 4N/10 GE	32 A	20	**1758260000**				
20-/24-pole	ZQV 4N/20 GE	32 A	20	**1909020000**				
Screwable cross-connection								
2-pole	WQV 4/2	32 A	50	**1051960000**	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 4/3	32 A	50	**1054560000**	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 4/4	32 A	50	**1054660000**	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 4/10	41 A	20	**1052060000**	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
Black Wemid	WAP 2.5-10 SW	1.5 mm	50	**1050010000**	WAP 2.5-10 SW	1.5 mm	50	**1050010000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Testing / Checking								
Standard	WTA 3 WDU4	6 mm	25	**1632350000**	WTA 5/1	5 mm	25	**1051260000**
Hak. Cable lugs								
	HBT 1,5 - 3,0 RT		100	**1312440000**	HBT 1,5 - 4,6 RT		100	**1233340000**
	HBT 2,5 - 3,0 BL		100	**1312450000**	HBT 2,5 - 4,6 BL		100	**1233330000**
					HBT 6,0 - 4,6 GE		100	**1216230000**
Identification systems (see assortment in catalogue 7)								
Marking tags	WS 12/6				DEK 5/8 / WS 12/6,5			
Note								

WDU 10 SL/EN — 10 mm²



9.9 x 56.6 x 53.5
76 / 16
1.31...16



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	600 (C)	300 (C)	275
57	50 (C)	65 (C)	50
10	AWG 16...8	AWG 16...6	10
6 kV / 3			
A6 / V-0			

SIRA 02ATEX3242 U

Rated connection
1.5...16 / 1.5...16
1...6 / 1.5...10
1.2...2.4 Nm (M 4)
17 / 1.0 x 5.5 mm
1.5...4
2.5...4 / 1...4

ESI rated data: 500 V / 36 A / 16 mm² stranded connection must be tightened with 2 Nm.

Type	Qty.	Order No.
WDU 10 SL/EN	50	9537490000
WDU 10 SL/EN SW	50	9537410000

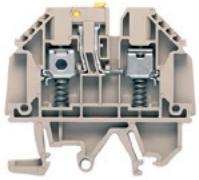
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	1052560000
WQV 10/3	57 A	50	1054960000
WQV 10/4	57 A	50	1055060000
WQV 10/10	57 A	20	1052460000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
WTA 5/1	5 mm	25	1051260000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

DEK 5/5 / WS 12/6,5

WTR 4 SL/EN — 4 mm²

with clamping screw



6.1 x 61.5 x 55
32 / 6
0.22...6

IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR4 SL/EN	50	7910360000
WTR4 SL/EN SW	50	7910380000

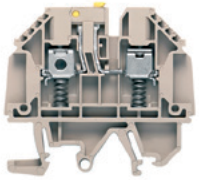
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000

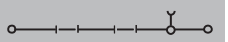
DEK 5/6 / WS 12/6

WTR 4 STB SL/EN — 4 mm²

With socket



6.1 x 61.5 x 55
32 / 6
0.22...6



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

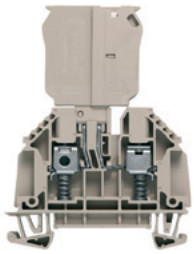
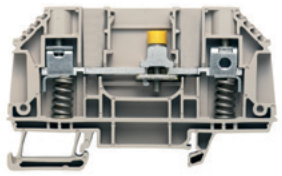
Type	Qty.	Order No.
WTR4 SL/EN STB	50	7910390000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000

DEK 5/6 / WS 12/6

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WTR 4 SI SL	WTL 6 SL
		4 mm²	6 mm²
		With fuse holder	
			
Width/Length/Height of lowest version	mm	6.1 x 61.5 x 97.5	7.9 x 82.7 x 50.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 6**	**57 / 10**
Max. clamping range	mm²	**0.22...6**	**0.5...10**

Technical data

		WTR 4 SI SL			WTL 6 SL		
Rated data		IEC 60947-7-1			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	400	300 (C)	300 (D)	500		
Rated current	A	6.3	6.3 (C)	6.3 (D)			
Rated cross-section	mm²	4	AWG 22...10	AWG 22...10	6		
Rated impulse withstand voltage / Pollution severity		6 kV / 3			/ 3		
Gauge to IEC 60947-1 / Flammability class UL94		A4 / V-0			A5 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...6 / 1.5...6			0.5...10 / 1.5...10		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			0.5...6		
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)			1 Nm(M 3.5)		
Stripping length / Blade size	mm/-	13 / 0.6 x 3.5 mm			16 / 4.0 x 0.8 mm		
2 conductors with same cross-section (H05V/H07V)							
Solid / stranded	mm²	0.5...1.5					
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5					
Note					Rated data ESI: 500 V / 24 A.		

Ordering data

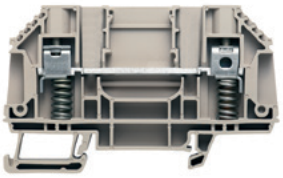
Version	WTR 4 SI SL Type	Qty.	Order No.	WTL 6 SL Type	Qty.	Order No.
Dark beige Wemid	WTR 4 SI SL	25	**7910330000**	WTL 6 SL	50	**1161690000**
Dark beige Wemid (combi clip-on feet TS32/25)						
Black Wemid (combi clip-on feet TS32/25)						
Without STB				WTL 6 SL 0.STB	600	**1238930000**
Note				With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Accessories

		WTR 4 SI SL Type	current	Qty.	Order No.	WTL 6 SL Type	current	Qty.	Order No.
Pluggable cross-connection									
	2-pole	ZQV 4N/2 GE	32 A	60	**1758250000**				
	3-pole	ZQV 4N/3 GE	32 A	60	**1762630000**				
	4-pole	ZQV 4N/4 GE	32 A	60	**1762620000**				
	10-pole	ZQV 4N/10 GE	32 A	20	**1758260000**				
	20-/24-pole	ZQV 4N/20 GE	32 A	20	**1909020000**				
Screwable cross-connection									
	2-pole					WQV 6/2	57 A	50	**1052360000**
	3-pole					WQV 6/3	57 A	50	**1054760000**
	4-pole					WQV 6/4	57 A	50	**1054860000**
	10-pole					WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate			Width				Width		
	Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP WTL6 SL 4-6	1.5 mm	20	**1238880000**
	Black Wemid	WAP 2.5-10 SW	1.5 mm	50	**1050010000**	WAP WTL6 SL	1.5 mm	20	**9538110000**
	Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**	WTW EN	3 mm	20	**1058800000**
End bracket									
	Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Testing / Checking									
	Standard								
Hak. Cable lugs									
		HBT 1,5 - 3,0 RT		100	**1312440000**	HBT 1,5 - 4,6 RT		100	**1233340000**
		HBT 2,5 - 3,0 BL		100	**1312450000**	HBT 2,5 - 4,6 BL		100	**1233330000**
						HBT 6,0 - 4,6 GE		100	**1216230000**
Identification systems	(see assortment in catalogue 7)								
	Marking tags	DEK 5/6 / WS 12/6				WS 12/6,5			
Note									

WTD 6 SL — 6 mm²

Feed-through



7.9 x 82.7 x 50.5
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
500		
41		
6		
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...10
0.5...6
1 Nm(M 3.5)
16 / 4.0 x 0.8 mm
0.5

Rated data ESI: 500 V / 24 A.

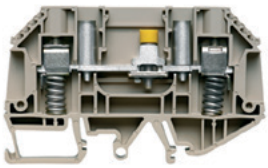
Type	Qty.	Order No.
WTD 6 SL	50	9538090000
WTD 6 SL 0.STB	600	1238920000

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6 SL 4-6	1.5 mm	20	1238880000
WAP WTL6 SL	1.5 mm	20	9538110000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

WS 12/6,5

WTL 6 SL/EN — 6 mm²

Longitudinal - disconnector



7.9 x 82.7 x 51.5
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
500		
41		
6		
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...10
0.5...6
1 Nm(M 3.5)
16 / 4.0 x 0.8 mm
0.5

Rated data ESI: 500 V / 24 A.

Type	Qty.	Order No.
WTL 6 SL/EN	50	9538080000

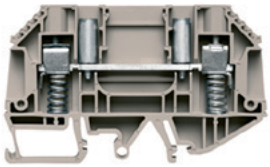
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6 SL 4-6	1.5 mm	20	1238880000
WAP WTL6 SL	1.5 mm	20	9538110000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

WS 12/6,5

WTD 6 SL/EN — 6 mm²

Feed-through



7.9 x 82.7 x 51.5
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
500		
41		
6		
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...10
0.5...6
1 Nm(M 3.5)
16 / 4.0 x 0.8 mm
0.5

Rated data ESI: 500 V / 24 A.

Type	Qty.	Order No.
WTD 6 SL/EN	50	9538100000

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6 SL 4-6	1.5 mm	20	1238880000
WAP WTL6 SL	1.5 mm	20	9538110000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

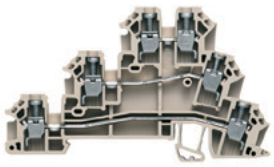
WS 12/6,5

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

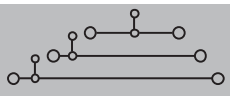
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

DLD 2.5 — 2.5 mm²

Voltage supply

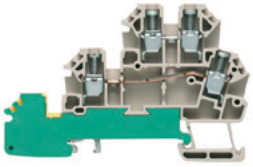


Width/Length/Height of lowest version	mm	6.1 x 82.5 x 49
max. current / max. cond. cross-section	A/mm²	**24 / 4**
Max. clamping range	mm²	**0.13...4**

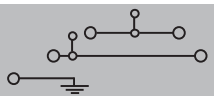


DLD 2.5 PE — 2.5 mm²

Lower level earthed



Width/Length/Height of lowest version	mm	6.1 x 74.5 x 49
max. current / max. cond. cross-section	A/mm²	**17.5 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

Rated data		DLD 2.5			DLD 2.5 PE		
		IEC 60947-7-1			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (C)	250	300 (D)	300 (D)
Rated current	A	24	10 (D)	10 (C)	17.5	10 (D)	10 (D)
Rated cross-section	mm²	2.5	AWG 22...12	AWG 26...12	2.5	AWG 22...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		4 kV / 3			4 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			A3 / V-0		
Approvals							
Electronic fixtures							
Component voltage / Component current	V/A						
Operating voltage for display, max. / Current	V/A						
Clamped conductors (H05V/H07V)							
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 0.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm			7 / 0.6 x 3.5 mm		
Note		Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.			Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.		

Ordering data

Version	DLD 2.5 Type	Qty.	Order No.	DLD 2.5 PE Type	Qty.	Order No.
Dark beige Wemid	DLD 2.5 DB	50	**1784180000**	DLD 2.5/PE DB	50	**1783790000**
Dark beige Wemid (red LED)						
Dark beige Wemid (green LED)						
Note	Variant in blue, Order no. 6269250000 (qty. 50)					

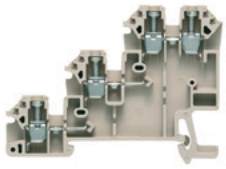
Accessories

Screwable cross-connection	DLD 2.5 Type	current	Qty.	Order No.	DLD 2.5 PE Type	current	Qty.	Order No.
2-pole	Q 2 DLI	20 A	50	**1312500000**	Q 2 DLI	20 A	50	**1312500000**
3-pole	Q 3 DLI	20 A	50	**1312600000**	Q 3 DLI	20 A	50	**1312600000**
4-pole	Q 4 DLI	20 A	50	**1312700000**	Q 4 DLI	20 A	50	**1312700000**
10-pole	Q 10 DLI	20 A	20	**1313100000**	Q 10 DLI	20 A	20	**1313100000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	AP DLI2.5 DB	1.5 mm	20	**1783550000**	AP DLI2.5 DB	1.5 mm	20	**1783550000**
End bracket								
Dark beige Wemid	EW 35	8.5 mm	50	**0383560000**	EW 35	8.5 mm	50	**0383560000**
Screwdriver								
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**
Small partition								
Small partition	TSCH 1	2 mm	100	**0319160000**	TSCH 1	2 mm	100	**0319160000**

Identification systems	(see assortment in catalogue 7)		
Marking tags		DEK 5/6	DEK 5/6
Note		TEAP DLD2.5 DB partial end plate, Order no. 1784220000 (20 pcs.)	TEAP DLD2.5/PE DB partial end plate, Order no. 1783810000 (20 pcs.)

DLI 2.5 — 2.5 mm²

Initiator connection (signal,+,-)



6.1 x 66 x 49
26 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA
250	300 (D)	300 (C)
24	10 (D)	10 (C)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped.

Type	Qty.	Order No.
DLI 2.5 DB	100	1783820000

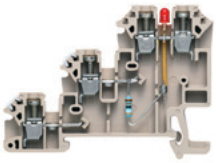
Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
	Width		
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

DEK 5/6

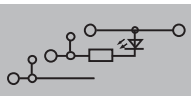
StB 8.5 socket in upper busbar (together with PS 2.3 test plug)

DLI 2.5 LD PNP — 2.5 mm²

Initiator connection with LED



6.1 x 66 x 49
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA
30	30 (C)	30 (C)
24	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
0.8 kV / 3		
A3 / V-0		

30 / 5

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

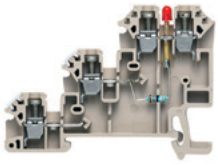
Type	Qty.	Order No.
DLI 2.5/LD-RT/PNP +- DB	100	1783980000
DLI 2.5/LD-GN/PNP +- DB	100	1783970000

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
	Width		
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

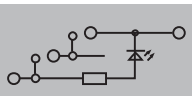
DEK 5/6

DLI 2.5 LD NPN — 2.5 mm²

Initiator connection with LED



6.1 x 66 x 49
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA
30	30 (C)	30 (C)
24	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
0.8 kV / 3		
A3 / V-0		

30 / 5

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

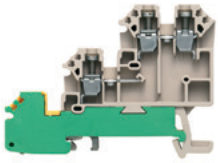
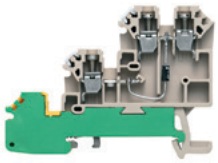
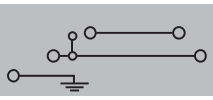
Type	Qty.	Order No.
DLI 2.5/LD-RT/NPN -+ DB	100	1783950000
DLI 2.5/LD-GN/NPN -+ DB	100	1783940000

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
	Width		
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

DEK 5/6

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		DLA 2.5	DLA 2.5/D
		2.5 mm²	2.5 mm²
		Actuator connection (signal,-,PE)	Actuator connection (circuit with diode)
			
Width/Length/Height of lowest version	mm	6.1 x 65 x 49	6.1 x 66 x 49
max. current / max. cond. cross-section	A/mm²	26 / 4	17.5 / 4
Max. clamping range	mm²	0.13...4	0.13...4
			

Technical data

Rated data		DLA 2.5	DLA 2.5/D
		IEC 60947-7-1 (-7-2)	IEC 60947-7-1 (-7-2)
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage	V	250 / 300 (D) / 300 (D)	250 / 300 (D) / 300 (D)
Rated current	A	17.5 / 10 (D) / 10 (D)	17.5 / 10 (D) / 10 (D)
Rated cross-section	mm²	2.5 / AWG 22...12 / AWG 26...12	2.5 / AWG 22...12 / AWG 26...12
Rated impulse withstand voltage / Pollution severity		4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	A3 / V-0
Approvals			
Electronic fixtures			
Component voltage / Component current	V/A		1000 / 1
Operating voltage for display, max. / Current	V/A		
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm	7 / 0.6 x 3.5 mm
Note		Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.	Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Ordering data

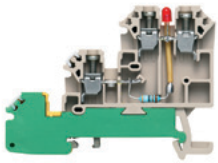
Version	DLA 2.5 Type	Qty.	Order No.	DLA 2.5/D Type	Qty.	Order No.
Dark beige Wemid	DLA 2.5 DB	100	1783560000	DLA 2.5/D DB	100	1783590000
Dark beige Wemid (red LED)						
Dark beige Wemid (green LED)						
Note						

Accessories

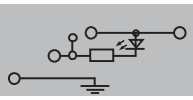
Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	Q 2 DLI	20 A	50	1312500000	Q 2 DLI	20 A	50	1312500000
3-pole	Q 3 DLI	20 A	50	1312600000	Q 3 DLI	20 A	50	1312600000
4-pole	Q 4 DLI	20 A	50	1312700000	Q 4 DLI	20 A	50	1312700000
10-pole	Q 10 DLI	20 A	20	1313100000	Q 10 DLI	20 A	20	1313100000
End plate / Partition plate		Width				Width		
Dark beige Wemid	AP DLI2.5 DB	1.5 mm	20	1783550000	AP DLI2.5 DB	1.5 mm	20	1783550000
End bracket								
Dark beige Wemid	EW 35	8.5 mm	50	0383560000	EW 35	8.5 mm	50	0383560000
Screwdriver								
Standard	SDS 0.6X3.5X100		1	9008330000	SDS 0.6X3.5X100		1	9008330000
Small partition								
Small partition	TSCH 1	2 mm	100	0319160000	TSCH 1	2 mm	100	0319160000
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/6				DEK 5/6			
Note								

DLA 2.5/LD — 2.5 mm²

Actuator connection with LED



6.1 x 66 x 49
17.5 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
30	30 (C)	30 (C)
17.5	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
	0.8 kV / 3	
	A3 / V-0	
30 / 5		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
7 / 0.6 x 3.5 mm		

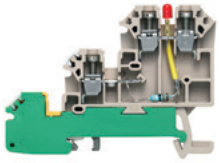
Type	Qty.	Order No.
DLA 2.5/LD-RT DB	100	**1783600000**

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	**1312500000**
Q 3 DLI	20 A	50	**1312600000**
Q 4 DLI	20 A	50	**1312700000**
Q 10 DLI	20 A	20	**1313100000**
	Width		
AP DLI2.5 DB	1.5 mm	20	**1783550000**
EW 35	8.5 mm	50	**0383560000**
SDS 0.6X3.5X100		1	**9008330000**
TSCH 1	2 mm	100	**0319160000**

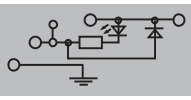
DEK 5/6

DLA 2.5/LD/D — 2.5 mm²

Actuator connection with LED



6.1 x 66 x 49
17.5 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
30	30 (C)	30 (C)
	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
	0.8 kV / 3	
	A3 / V-0	
1000 / 1		
30 / 5		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
7 / 0.6 x 3.5 mm		

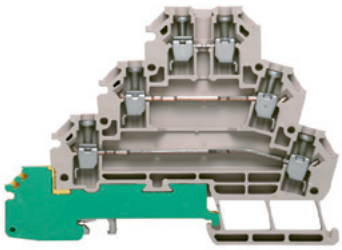
Type	Qty.	Order No.
DLA 2.5/LD-GN/D DB	100	**1783630000**

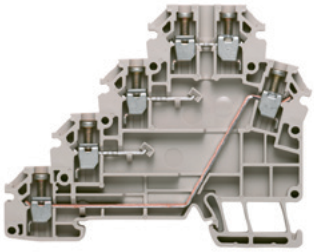
Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	**1312500000**
Q 3 DLI	20 A	50	**1312600000**
Q 4 DLI	20 A	50	**1312700000**
Q 10 DLI	20 A	20	**1313100000**
	Width		
AP DLI2.5 DB	1.5 mm	20	**1783550000**
EW 35	8.5 mm	50	**0383560000**
SDS 0.6X3.5X100		1	**9008330000**
TSCH 1	2 mm	100	**0319160000**

DEK 5/6

Motor connection terminals

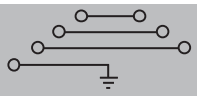
	MAK 2.5	2.5 mm²	VLI 1.5	1.5 mm²

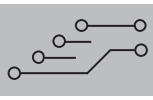




In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		MAK 2.5	VLI 1.5
Width/Length/Height of lowest version	mm	6.2 x 88 x 64	6.15 x 69 x 64
max. current / max. cond. cross-section	A/mm²	**31 / 4**	**24 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**





Technical data

Rated data		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	500	300 (D)	300 (C)	250	300 (D)	
Rated current	A	24	10 (D)	10 (C)	17.5	10 (D)	
Rated cross-section	mm²	2.5	AWG 22...12	AWG 26...12	1.5	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3			4 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			A3 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 0.5...4			0.5...4 / 0.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			8 / 0.6 x 3.5 mm		
Note							

IEC 60947-7-1 (-7-2)

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	Dark beige Wemid	MAK 2.5 DB	50	**7917030000**	VLI 1.5 DB	50	**1784120000**
	With PE foot				VLI 1.5/PE DB	50	**1784130000**
Note							

Accessories

End plate / Partition plate		Type	Width	Qty.	Order No.	Type	Width	Qty.	Order No.
	Dark beige PA	AP MAK2.5 DB	1.5 mm	20	**7917000000**	AP VLI1.5 DB	1.5 mm	20	**1784150000**
End bracket									
	Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**	WEW 35/1	12 mm	50	**1059000000**
Screwdriver									
	Standard	SDIS 0.6X3.5X100		1	**9008390000**	SDIS 0.6X3.5X100		1	**9008390000**
Cross-connection			**current**				**current**		
	black	VQB 1.5/50 SW	17.5 A	5	**1635120000**	VQB 1.5/50 SW	17.5 A	5	**1635120000**
	blue	VQB 1.5/50 BL	17.5 A	5	**1633280000**	VQB 1.5/50 BL	17.5 A	5	**1633280000**
	red	VQB 1.5/50 RT	17.5 A	5	**1633290000**	VQB 1.5/50 RT	17.5 A	5	**1633290000**

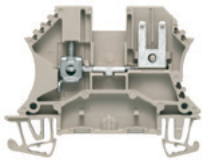
Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/5	DEK 5/5
Note			

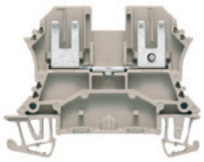
Spade connection

Terminals with cable-lugs acc. to EN 61210 / VDE 0613-6.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDU 2.5 F 2.5 mm²	WDU 2.5 FF 2*2.8 1 mm²
		Spade connection right	Spade connection left and right
Width/Length/Height of lowest version	mm	5.1 x 60 x 47	5.1 x 60 x 47
max. current / max. cond. cross-section	A/mm²	12 / 4	12 / 1
Max. clamping range	mm²	0.13...4	...1





Technical data

		WDU 2.5 F	WDU 2.5 FF 2*2.8
Rated data		IEC 60947-7-1, IEC 61210	IEC 60947-7-1, IEC 61210
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage	V	500 / 300 (C) / 300 (C)	500 / 300 (C) / 300 (C)
Rated current	A	12 / 16 (C) / 10 (C)	12 / 16 (C) / 10 (C)
Rated cross-section	mm²	2.5 / AWG 22...12 / AWG 26...12	1 / AWG 22...12 / AWG 26...12
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	/ V-0
Approvals			
Clamped conductors (H05V/H07V)		Rated connection / Further connection	Rated connection / Further connection
Solid / stranded	mm²	0.5...4 / 1.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Tightening torque range (terminal screw)		0.4...0.8 Nm (M 2.5)	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded	mm²	0.5...1.5	
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	
Note		With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor.	With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor.

Ordering data

Version	WDU 2.5 F			WDU 2.5 FF		
	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WDU 2.5 F 2X2.8	100	1021800000	WDU 2.5 FF 2X2.8	100	1021900000
Blue Wemid						
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			Technical data refers to the 2.8 mm cable-lug connector with 1 mm² wire.		

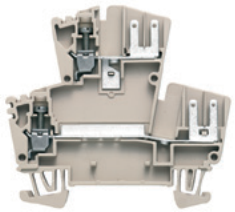
Accessories

Screwable cross-connection	WDU 2.5 F				WDU 2.5 FF			
	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000	WQV 2.5/2	32 A	50	1053660000
3-pole	WQV 2.5/3	32 A	50	1053760000	WQV 2.5/3	32 A	50	1053760000
4-pole	WQV 2.5/4	32 A	50	1053860000	WQV 2.5/4	32 A	50	1053860000
10-pole	WQV 2.5/10	32 A	20	1054460000	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate		Width				Width		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	1050000000	WAP 2.5-10	1.5 mm	50	1050000000
Blue Wemid	WAP 2.5-10 BL	1.5 mm	50	1050080000	WAP 2.5-10 BL	1.5 mm	50	1050080000
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000	WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
Cover								
With lightning flash symbol	WAD 4 GE BED	4.5 mm	50	1072000000	WAD 4 GE BED	4.5 mm	50	1072000000
Blank, white	WAD 4 WS	4.5 mm	50	1072100000	WAD 4 WS	4.5 mm	50	1072100000

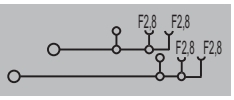
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 12/5	DEK 5/5 / WS 12/5
Note	Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000	Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

WDK 2.5 F — 2.5 mm²

Spade connection right



5.1 x 69.5 x 63
12 / 4
0.13...4



IEC 60947-7-1, IEC 61210

IEC	UL	CSA
400	300 (C)	300 (C)
12	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor.

Type	Qty.	Order No.
WDK 2.5 F	100	1021600000
WDK 2.5 F BL	100	1021680000

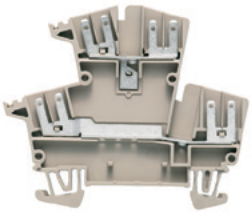
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

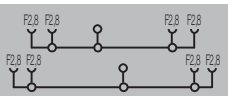
DEK 5/5 / WS 8/5
Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

WDK 2.5 FF — 1 mm²

Spade connection left and right



5.1 x 75.5 x 63
12 / 1
...1



IEC 60947-7-1, IEC 61210

IEC	UL	CSA
400	300 (C)	300 (C)
12	10 (C)	10 (C)
1	AWG 22...14	AWG 26...12
6 kV / 3		
/ V-0		

Rated connection	Further connection

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor.

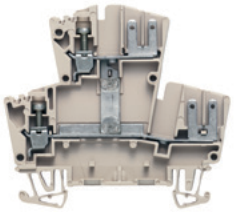
Type	Qty.	Order No.
WDK 2.5 FF	100	1021700000

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

DEK 5/5 / WS 8/5
Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

WDK 2.5 FV — 2.5 mm²

Spade connection right, both levels at one potential



5.1 x 69.5 x 63
12 / 4
0.13...4

IEC 60947-7-1, IEC 61210

IEC	UL	CSA
400	300 (C)	300 (C)
12	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor.

Type	Qty.	Order No.
WDK 2.5 FV	100	1022400000

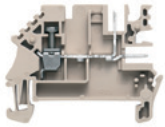
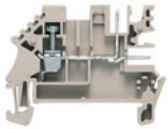
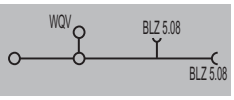
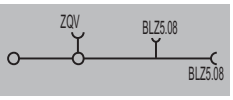
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

DEK 5/5 / WS 8/5
Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

Plug-in connection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WDU 1.5 BLZ 5.08 WQV	WDU 1.5 BLZ 5.08 ZQV
		1.5 mm²	1.5 mm²
		Screwable cross-connection	Plug-in cross-connection
			
Width/Length/Height of lowest version	mm	5.08 x 49 x 37.5	5.08 x 49 x 37.5
max. current / max. cond. cross-section	A/mm²	16 / 4	16 / 4
Max. clamping range	mm²	0.13...4	0.13...4
			

Technical data

		WDU 1.5 BLZ 5.08 WQV	WDU 1.5 BLZ 5.08 ZQV
Rated data		IEC 60947-7-1, IEC 61984	IEC 60947-7-1, IEC 61984
Rated voltage	V	IEC: 250 / UL: 300 (D) / CSA: 300 (C)	IEC: 250 / UL: / CSA:
Rated current	A	IEC: 16 / UL: 10 (D) / CSA: 10 (C)	IEC: 16 / UL: / CSA:
Rated cross-section	mm²	IEC: 1.5 / UL: AWG 22...12 / CSA: AWG 26...12	IEC: 1.5 / UL: / CSA:
Rated impulse withstand voltage / Pollution severity		4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	A3 / V-0
Approvals			
Clamped conductors (H05V/H07V)		Rated connection / Plug-in connection	Rated connection / Plug-in connection
Solid / stranded	mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5 / 0.5/ 0.5...2.5	0.5...4 / 0.5...2.5 / 0.5/ 0.5...2.5
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded	mm²	0.5...1.5	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Note		Size with BLZ female header: L=57.5 mm/H=55.5 mm 2.5 mm² conductor w. ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).	Size with BLZ female header: L=57.5 mm/H=55.5 mm 2.5 mm² conductor w. ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WDU 1.5/BLZ 5.08	100	1577340000	WDU 1.5/ZQV/BLZ 5.08	100	1784460000
Note	WDU 1.5 BLA Order no. 1577260000 (100 pcs.). Techn. data same as WDU 1.5 BLZ.					

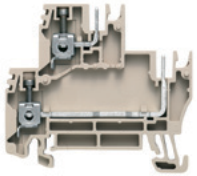
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
10-pole					ZQV 2.5N/10 GE	24 A	20	1693880000
2-pole					ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole					ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole					ZQV 2.5N/4 GE	24 A	60	1693820000
End plate / Partition plate		Width				Width		
With assembly peg	WAP WDU1.5/BLZ/ZA	2.5 mm	50	1577320000	WAP WDU1.5/BLZ/ZA	2.5 mm	50	1577320000
Without peg	WAP WDU1.5/BLZ	2.5 mm	50	1577330000	WAP WDU1.5/BLZ	2.5 mm	50	1577330000
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/1	12 mm	50	1059000000
Mounting block for socket connector								
With assembly peg	WBB ZA WDU1.5/BL 10/10	5 mm	10	1068260000	WBB ZA WDU1.5/BL 10/10	5 mm	10	1068260000
Without peg	WBB WDU1.5/BL...	5 mm	10	1068160000	WBB WDU1.5/BL...	5 mm	10	1068160000
Socket blocks								
4-pole					BLZ 5.08/04/180 SN OR BX		100	1526660000
6-pole					BLZ 5.08/06/180 SN OR BX		50	1526860000
8-pole					BLZ 5.08/08/180 SN OR BX		50	1527060000
(with lateral dovetail) 4-pole					BLZ 5.08/04/180B SN OR BX		100	1528960000
(with lateral dovetail) 6-pole					BLZ 5.08/06/180B SN OR BX		50	1529160000
(with lateral dovetail) 8-pole					BLZ 5.08/08/180B SN OR BX		50	1529360000
Coding								
Coding element					BLZ/SL KO SW		50	1545710000
Miscellaneous accessories								
Cover for unused pins					WAD WDU1.5/BLZ/BLA	9.48 mm	20	1577400000

Identification systems	(see assortment in catalogue 7)		
Marking tags		DEK 5/5 / WS 12/5	DEK 5/5 / WS 12/5
Note		Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000).	Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000).

WDK 2.5 BLZ/5.08 — 2.5 mm²

Double terminal pitch 5.08



5.08 x 58 x 53
18 / 4
0.13...4

IEC 60947-7-1, IEC 61984

IEC	UL	CSA
250	300 (D)	300 (D)
16.5	10 (D)	24 (D)
2.5	AWG 26...12	AWG 26...12
	4 kV / 3	
	A3 / V-0	

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Size with BLZ female header: length 58 mm / height 63.5 mm

Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA	100	1034400000

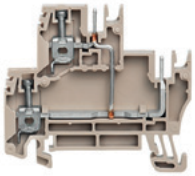
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
	Width		
WAP WDK2.5/BLZ/M.ZA	5.08 mm	20	1070100000
WAP WDK2.5/BLZ/O.ZA	5.08 mm	20	1070000000
WEW 35/1	12 mm	50	1059000000
WBB ZA WDK2.5/BL5.08	5 mm	10	1072760000
WBB WDK2.5/BL5.08	5 mm	10	1072660000
BLZ 5.08/04/180 SN OR BX		100	1526660000
BLZ 5.08/06/180 SN OR BX		50	1526860000
BLZ 5.08/08/180 SN OR BX		50	1527060000
BLZ 5.08/04/180B SN OR BX		100	1528960000
BLZ 5.08/06/180B SN OR BX		50	1529160000
BLZ 5.08/08/180B SN OR BX		50	1529360000
BLZ/SL KO SW		50	1545710000
WAD WDU1.5/BLZ/BLA	9.48 mm	20	1577400000

DEK 5/5 / WS 8/5

External cross-connection WQB A, refer to the W-Series accessories section, "Potential distribution".

WDK 2.5 BLZ/5.08/ZA V — 2.5 mm²



5.08 x 58 x 53
18 / 4
0.13...4

IEC 60947-7-1, IEC 61984

IEC	UL	CSA
250		
16.5		
2.5		
	4 kV / 3	
	A3 / V-0	

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

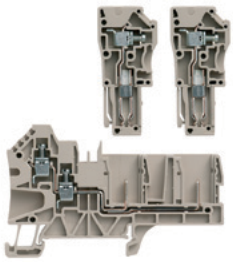
Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA V	100	1027410000

Type	current	Qty.	Order No.
	Width		
WAP WDK2.5/BLZ/M.ZA	5.08 mm	20	1070100000
WAP WDK2.5/BLZ/O.ZA	5.08 mm	20	1070000000
WEW 35/1	12 mm	50	1059000000
WBB ZA WDK2.5/BL5.08	5 mm	10	1072760000
WBB WDK2.5/BL5.08	5 mm	10	1072660000
BLZ 5.08/04/180 SN OR BX		100	1526660000
BLZ 5.08/06/180 SN OR BX		50	1526860000
BLZ 5.08/08/180 SN OR BX		50	1527060000
BLZ 5.08/04/180B SN OR BX		100	1528960000
BLZ 5.08/06/180B SN OR BX		50	1529160000
BLZ 5.08/08/180B SN OR BX		50	1529360000
BLZ/SL KO SW		50	1545710000
WAD WDU1.5/BLZ/BLA	9.48 mm	20	1577400000

DEK 5/5 / WS 8/5

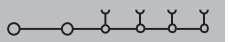
WT4 4 AN/2 — 4 mm²

NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	6.1 x 84.3 x 50.7
max. current / max. cond. cross-section	A/mm²	/ 6
Max. clamping range	mm²	0.5...6



Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	800	600 (C)	
Rated current	A	32	30 (C)	
Rated cross-section	mm²	4	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A4 / V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection	Further connection
Solid / stranded	mm²	0.5...6 / 0.5...6	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4	
Tightening torque range (terminal screw)			
Stripping length / Blade size	mm/-	/ 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WT4 4AN/2	50	1107680000

Note

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2 GE	32 A	60	1758250000
3-pole	ZQV 4N/3 GE	32 A	60	1762630000
4-pole	ZQV 4N/4 GE	32 A	60	1762620000
10-pole	ZQV 4N/10 GE	32 A	20	1758260000
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WT4/4AN/2	1.5 mm	50	1107780000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP4	5.5 mm	25	1855250000
Coding element	KOSF ZT4	5.4 mm	50	1856860000
Strain relief	ZZE ZP4	12.5 mm	25	1855260000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	9008330000
Plug-in connector				
	WP4/1AN/1		50	1107790000
	WP4/1AN/1 ZA		50	1108490000
	WP4/1AN/10		10	1107800000

Identification systems	(see assortment in catalogue 7)	
Marking tags	DEK 5/6	

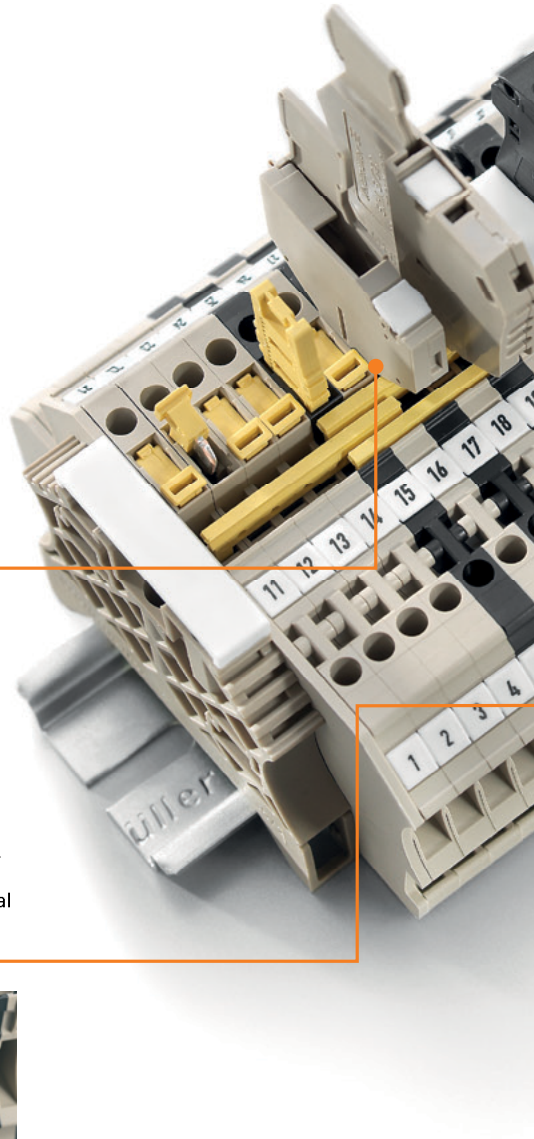
Note

WMF marshalling terminals

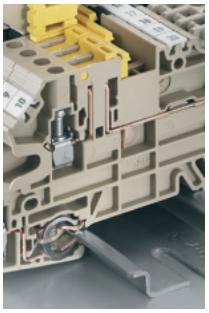
Multi-function terminal block products for marshalling signals

In process control systems for facilities in the process and power generation sectors, incoming signals from field devices are often connected with terminal blocks within marshalling cabinets. Terminal blocks are used despite the existence of alternative technologies such as Remote I/O and Fieldbus. This is mainly because they offer a robust and simple connection system, and can be clearly labelled for orderly installation.

Weidmüller's new WMF (Weidmüller Multi-Functional) line of terminal blocks provides a multi-functional solution for marshalling signals. This space-saving terminal block combines all the necessary functionality into a single solution. It features an integrated shield connection and can be used with feed-through, fuse and disconnect functionality. The three cross-connection channels and wide variety of labelling options offer additional flexibility.

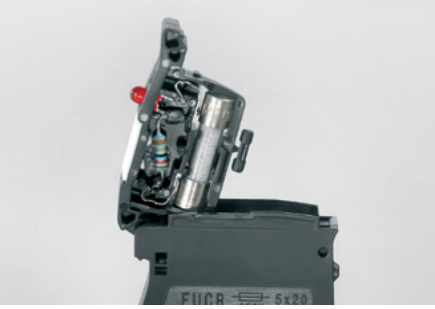


A solution to fit any scenario
Feed-through, fuse and disconnect functions, and even an integrated shield connection: all the required functions are combined together in this design.



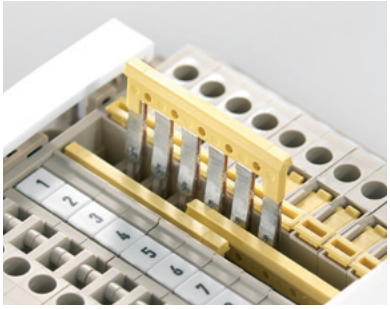
Saves space in the switching cabinet
The 5 mm width allows for high-density wiring. The integrated shield/PE connection replaces the shield-connection devices or the PE terminal blocks.

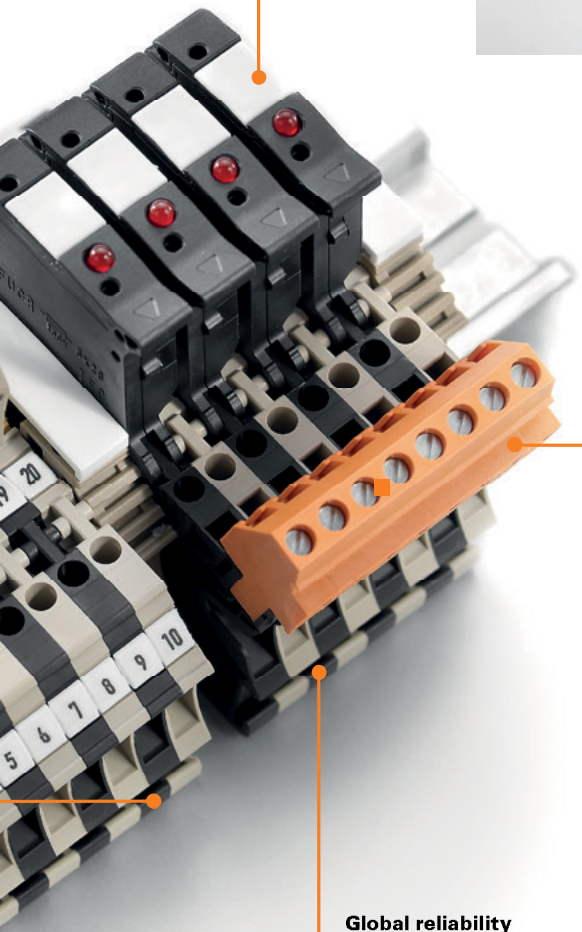
Fuse is convenient to replace
The new design of the fuse holder includes a hinged fuse carrier – this enables the fuse to be replaced quickly and reliably.



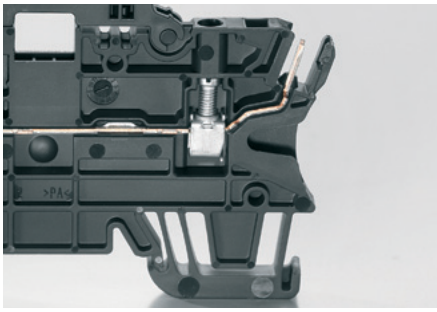
Optional LED status indicator
Easy identification during troubleshooting and no interference signals in control circuit – because of optional bright LED status display and minimal leakage current (less than 0.5 mA).

Cross-connection channels
The WMF terminal block has three cross-connection channels; they are a very flexible solution for bundling and looping through of potentials. The standard ZQV cross-connections can be used to join both the neutral wire and also a shielded potential voltage across a large number of poles.

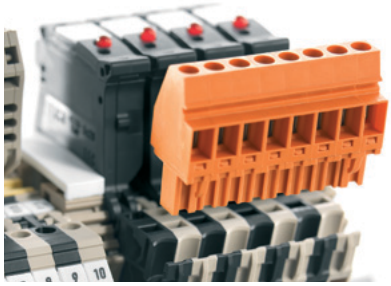




Global reliability
Weidmüller's proven screw-connection mechanism guarantees that the product will be easy to operate, recognise, and maintain anywhere throughout the world.

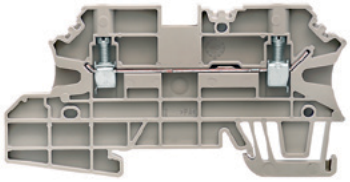


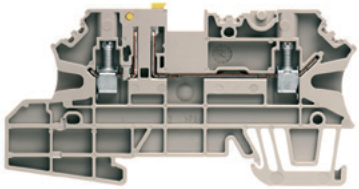
Marshalling with Plug & Play
Instead of using a screw connection to contact each signal at the routing levels, pre-assembled cable sets with BLZ mating profiles are used. This saves you valuable wiring time in the field.



Multi-functional terminals

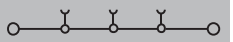
	WMF 2.5	2.5 mm²	WMF 2.5 DI	2.5 mm²
	NEW		NEW	

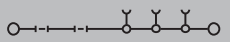




In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WMF 2.5	WMF 2.5 DI
Width/Length/Height of lowest version	mm	5.08 x 88 x 45	5.08 x 88 x 45
max. current / max. cond. cross-section	A/mm²	32 / 4	20 / 4
Max. clamping range	mm²	0.5...4	0.5...4





Technical data

Rated data		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	800	600 (C)	600 (C)	500	600 (C)	
Rated current	A	24	20 (C)	26 (C)	20	19 (C)	
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12	2.5	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3			8 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			A3 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)			0.5...0.6 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note							

Ordering data

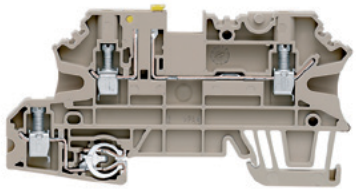
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WMF 2.5	50	1143070000	WMF 2.5 DI	50	1143020000
Blue Wemid	WMF 2.5 BL	50	1270040000	WMF 2.5 DI BL	50	1270070000
Note						

Accessories

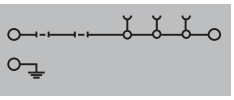
Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	AP WMF2.5	1.5 mm	50	1142990000	AP WMF2.5	1.5 mm	50	1142990000
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
Screwdriver								
Standard	SDS 0.6X3.5X100		1	9008330000	SDS 0.6X3.5X100		1	9008330000
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED					SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED					SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED					SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
					FUCR SW	8 mm	10	1167630000
					FUCR 10-36V SW	8 mm	10	1167640000
					FUCR 100-250V SW	8 mm	10	1167680000
Module connector (max, 250 V)								
without fittings								
with wire jumper					BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode					BEST/D	5.1 mm	50	1878560000
Disconnect plug								
removable, as replacement for release lever								
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/5 / WS 10/5				DEK 5/5 / WS 10/5			
Note								

WMF 2.5 DI PE — 2.5 mm²

NEW



5.08 x 88 x 45
20 / 4
0.5...4



IEC	UL	CSA
250	600 (C)	
20	19 (C)	
2.5	AWG 26...12	
	8 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 Nm (M 3)
10 / 0.6 x 3.5 mm

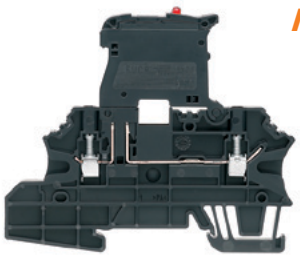
Type	Qty.	Order No.
WMF 2.5 DI PE	50	1143030000
WMF 2.5 DI PE BL	50	1270080000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
	Width		
AP WMF2.5	1.5 mm	50	1142990000
WEW 35/1	12 mm	50	1059000000
SDS 0.6X3.5X100		1	9008330000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
FUCR SW	8 mm	10	1167630000
FUCR 10-36V SW	8 mm	10	1167640000
FUCR 100-250V SW	8 mm	10	1167680000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

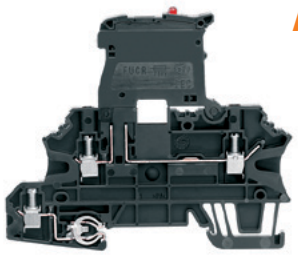
DEK 5/5 / WS 10/5

Multi-functional terminals

	WMF 2.5 FU	2.5 mm²	WMF 2.5 FU PE	2.5 mm²



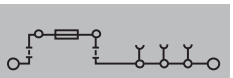
NEW

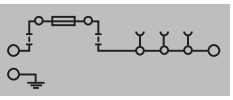


NEW

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WMF 2.5 FU	WMF 2.5 FU PE
Width/Length/Height of lowest version	mm	5.08 x 88 x 74.5	5.08 x 88 x 74.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**	**6.3 / 4**
Max. clamping range	mm²	**0.5...4**	**0.5...4**





Technical data

Rated data		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	250	600 (C)	600 (C)	250	600 (C)	600 (C)
Rated current	A	6.3	17 (C)	17 (C)	6.3	17 (C)	17 (C)
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity			8 kV / 3			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0			A3 / V-0	
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)			0.5...0.6 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note							

Ordering data

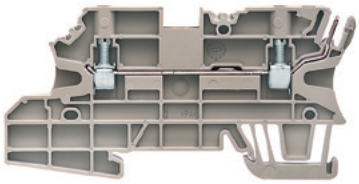
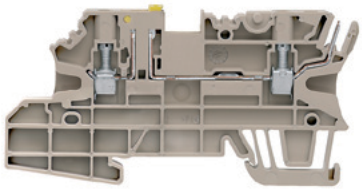
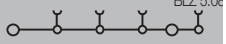
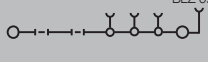
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Black Wemid	WMF 2.5 FU SW	50	1162920000	WMF 2.5 FU PE SW	50	1163040000
10-36 V AC/DC, with LED	WMF 2.5 FU 10-36V SW	50	1162930000	WMF 2.5 FU PE 10-36V SW	50	1163050000
30-70 V AC/DC, with LED	WMF 2.5 FU 30-70V SW	50	1162940000	WMF 2.5 FU PE 30-70V SW	50	1163060000
60-150 V AC/DC, with LED	WMF 2.5 FU 60-150V SW	50	1162950000	WMF 2.5 FU PE 60-150V SW	50	1163070000
100 – 250 V AC/DC, with LED	WMF 2.5 FU 100-250V SW	50	1162960000	WMF 2.5 FU PE 100-250V SW	50	1163080000
Note	The WMF FU terminals may not be aligned directly under one another.			The WMF FU terminals may not be aligned directly under one another.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	AP WMF2.5	1.5 mm	50	1142990000	AP WMF2.5	1.5 mm	50	1142990000
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
Screwdriver								
Standard	SDS 0.6X3.5X100		1	9008330000	SDS 0.6X3.5X100		1	9008330000
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
	FUCR SW	8 mm	10	1167630000	FUCR SW	8 mm	10	1167630000
	FUCR 10-36V SW	8 mm	10	1167640000	FUCR 10-36V SW	8 mm	10	1167640000
	FUCR 100-250V SW	8 mm	10	1167680000	FUCR 100-250V SW	8 mm	10	1167680000
Module connector (max, 250 V)								
without fittings	BEST	5.1 mm	50	1833100000	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000	BEST/D	5.1 mm	50	1878560000
Disconnect plug								
removable, as replacement for release lever	TNST		50	1833090000	TNST		50	1833090000
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/5 / WS 10/5				DEK 5/5 / WS 10/5			
Note								

Multi-functional terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WMF 2.5 BLZ	WMF 2.5 DI BLZ
		2.5 mm²	2.5 mm²
		NEW	NEW
			
Width/Length/Height of lowest version	mm	5.08 x 90 x 45	5.08 x 90 x 45
max. current / max. cond. cross-section	A/mm²	32 / 4	20 / 4
Max. clamping range	mm²	0.5...4	0.5...4
		BLZ 5.08 	BLZ 5.08 

Technical data

Rated data		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (D)	250		
Rated current	A	24	10 (D)	10 (D)	20		
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12	2.5		
Rated impulse withstand voltage / Pollution severity		8 kV / 3			8 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			A3 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)			0.5...0.6 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note		With BLZ plug the nominal current is reduced to 15.5 A.			With BLZ plug the nominal current is reduced to 15.5 A.		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WMF 2.5 BLZ	50	1143050000	WMF 2.5 DI BLZ	50	1143000000
Note						

Accessories

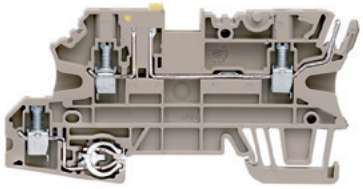
Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	AP WMF2.5	1.5 mm	50	1142990000	AP WMF2.5	1.5 mm	50	1142990000
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/1	12 mm	50	1059000000
Screwdriver								
Standard	SDS 0.6X3.5X100		1	9008330000	SDS 0.6X3.5X100		1	9008330000
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED					SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED					SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED					SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
					FUCR SW	8 mm	10	1167630000
					FUCR 10-36V SW	8 mm	10	1167640000
					FUCR 100-250V SW	8 mm	10	1167680000
Module connector (max, 250 V)								
without fittings					BEST	5.1 mm	50	1833100000
with wire jumper					BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode					BEST/D	5.1 mm	50	1878560000
Disconnect plug								
removable, as replacement for release lever					TNST		50	1833090000

Identification systems (see assortment in catalogue 7)							
Marking tags	DEK 5/5 / WS 10/5				DEK 5/5 / WS 10/5		
Note							

Multi-functional terminals

WMF 2.5 DI BLZ PE | **2.5 mm²**

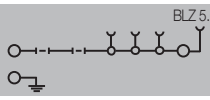
NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	5.08 x 90 x 45
max. current / max. cond. cross-section	A/mm²	**20 / 4**
Max. clamping range	mm²	**0.5...4**

BLZ 5.08



Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (D)
Rated current	A	20	10 (D)	10 (D)
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		

Note

With BLZ plug the nominal current is reduced to 15.5 A.

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WMF 2.5 DI BLZ PE	50	**1143010000**

Note

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**
3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**
4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	**1909000000**
End plate / Partition plate		**Width**		
Dark beige Wemid	AP WMF2.5	1.5 mm	50	**1142990000**
End bracket				
Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**9008330000**
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
	FUCR SW	8 mm	10	**1167630000**
	FUCR 10-36V SW	8 mm	10	**1167640000**
	FUCR 100-250V SW	8 mm	10	**1167680000**
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	**1833100000**
with wire jumper	BEST/DRBR	5.1 mm	50	**1878570000**
With 1N4007 diode	BEST/D	5.1 mm	50	**1878560000**
Disconnect plug				
removable, as replacement for release lever	TNST		50	**1833090000**

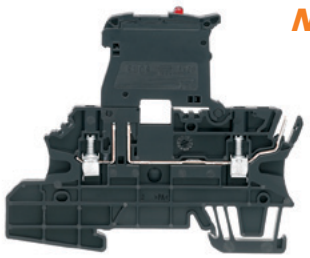
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 10/5	

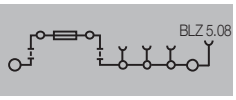
Note

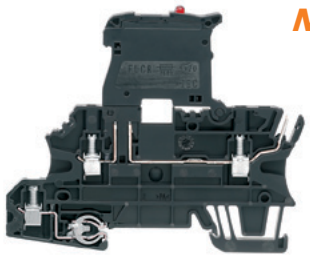
Multi-functional terminals

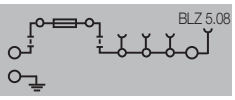
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WMF 2.5 FU BLZ 2.5 mm²	WMF 2.5 FU BLZ PE 2.5 mm²
		NEW	NEW
Width/Length/Height of lowest version	mm	5.08 x 90 x 74.5	5.08 x 90 x 74.5
max. current / max. cond. cross-section	A/mm²	6.3 / 4	6.3 / 4
Max. clamping range	mm²	0.5...4	0.5...4









Technical data

Rated data		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (D)	250	300 (D)	300 (D)
Rated current	A	6.3	10 (D)	10 (D)	6.3	10 (D)	10 (D)
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		8 kV / 3			8 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			A3 / V-0		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**	**Further connection**		**Rated connection**	**Further connection**	
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)			0.5...0.6 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note							

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Black Wemid	WMF 2.5 FU BLZ SW	50	1162980000	WMF 2.5 FU BLZ PE SW	50	1162820000
10-36 V AC/DC, with LED	WMF 2.5 FU BLZ 10-36V SW	50	1162990000	WMF 2.5 FU BLZ PE 10-36V SW	50	1162830000
30-70 V AC/DC, with LED	WMF 2.5 FU BLZ 30-70V SW	50	1163000000	WMF 2.5 FU BLZ PE 30-70V SW	50	1162840000
60-150 V AC/DC, with LED	WMF 2.5 FU BLZ 60-150V SW	50	1163010000	WMF 2.5 FU BLZ PE 60-150V SW	50	1162850000
100 – 250 V AC/DC, with LED	WMF 2.5 FU BLZ 100-250V SW	50	1163020000	WMF 2.5 FU BLZ PE 100-250V SW	50	1162860000
Note						

Accessories

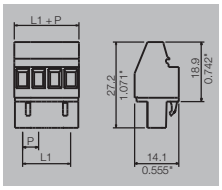
Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	AP WMF2.5	1.5 mm	50	1142990000	AP WMF2.5	1.5 mm	50	1142990000
End bracket								
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000	WEW 35/1	12 mm	50	1059000000
Screwdriver								
Standard	SDS 0.6X3.5X100		1	9008330000	SDS 0.6X3.5X100		1	9008330000
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
	FUCR SW	8 mm	10	1167630000	FUCR SW	8 mm	10	1167630000
	FUCR 10-36V SW	8 mm	10	1167640000	FUCR 10-36V SW	8 mm	10	1167640000
	FUCR 100-250V SW	8 mm	10	1167680000	FUCR 100-250V SW	8 mm	10	1167680000
Module connector (max, 250 V)								
without fittings	BEST	5.1 mm	50	1833100000	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000	BEST/D	5.1 mm	50	1878560000
Disconnect plug								
removable, as replacement for release lever	TNST		50	1833090000	TNST		50	1833090000
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/5 / WS 10/5				DEK 5/5 / WS 10/5			
Note								

Technical data

Rated data according to IEC 60664-1 / IEC 61984				
Clamping range, max.	mm²	0.13...4		
Solid core H05(07) V-U	mm²	0.2...4		
Stranded H07 V-R	mm²			
Flexible H05(07) V-K	mm²	0.2...4		
Flexible with ferrule	mm²	0.2...4		
Ferrule with plastic collar	mm²	0.2...2.5		
Stripping length	mm	7		
Screwdriver blade	mm	0.6 x 3.5		
according to norm		DIN 5264		
Tightening torque range	Nm	0.4...0.5		
Rated current				
at ambient temperature		**20 °C**		**40 °C**
	A	15		12
Overvoltage category		**III**	**III**	**II**
Pollution severity		**3**	**2**	**2**
Rated voltage	V	250	320	400
Rated impulse voltage	kV	4	4	4
UL 1059 Rated data		**B**	**C**	**D**
Rated voltage	V	300		300
Rated current	A	15		10
AWG conductor		26...12		
CSA C22.2 Rated data		**B**	**C**	**D**
Rated voltage	V	300		300
Rated current	A	10		0
AWG conductor		26...12		
Material data				
Type of insulation material		PBT		
Flammability class		V-0		
Contact base material		Copper alloy		
Material of contact surface		tinned		

BLZ 5.08/90

Can be mounted directly side-by-side without loss of poles.

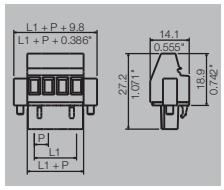


Ordering data

Pitch 5.08 mm					
Colour of plastic				**orange**	**black**
Pol.	L1 mm	(inch)	**Qty.**	**Order No.**	**Order No.**
2	5.08	(0.200)	180	**1948000000**	**1948240000**
4	15.24	(0.600)	90	**1948020000**	**1948260000**
8	35.56	(1.400)	42	**1948060000**	**1948300000**
12	55.88	(2.200)	30	**1948110000**	**1948340000**
16	76.20	(3.000)	18	**1948150000**	**1948380000**

BLZP 5.08/90F

With screw flange



Ordering data

Pitch 5.08 mm					
Colour of plastic				**orange**	**black**
Pol.	L1 mm	(inch)	**Qty.**	**Order No.**	**Order No.**
2	5.08	(0.200)	90	**1949800000**	**1950040000**
4	15.24	(0.600)	60	**1949820000**	**1950060000**
8	35.56	(1.400)	36	**1949860000**	**1950100000**
12	55.88	(2.200)	24	**1949900000**	**1950140000**
16	76.20	(3.000)	18	**1949940000**	**1950180000**

IL WMF 2.5 BLZ OR

Ordering data

Type	Qty.	Order No.
IL WMF 2.5 BLZ O	50	**1167440000**

WAD WMF 2.5

Ordering data

Type	Qty.	Order No.
WAD WMF 2.5	50	**1142970000**

FUCR SW

Ordering data

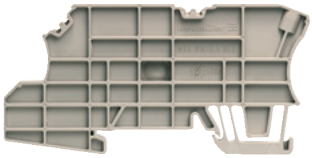
Type	Qty.	Order No.
FUCR SW	10	**1167630000**
FUCR 10-36V SW	10	**1167640000**
FUCR 30-70V SW	10	**1167650000**
FUCR 60-150V SW	10	**1167670000**
FUCR 100-250V SW	10	**1167680000**

AP WMF 2.5

Ordering data

Type	Qty.	Order No.
AP WMF 2.5	50	**1142990000**

WBB WMF 2.5 BLZ

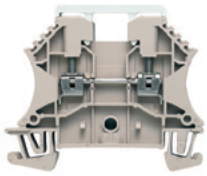


Ordering data

Type	Qty.	Order No.
WBB WMF 2.5 BLZ	10	**1142980000**

Thermocouple terminals

WDU 2.5/TC **2.5 mm²**



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	10.2 x 60 x 50.5
max. current / max. cond. cross-section	A/mm²	**/ 2.5**
Max. clamping range	mm²	**0.13...2.5**

Technical data

IEC 60584, IEC 60947-7-1 — Ex e II — II 2 G D

		IEC	UL	CSA	EN 60079-7
Rated data					
Rated voltage	V				55
Rated current	A				1
Rated cross-section	mm²	2.5			2.5
Rated impulse withstand voltage / Pollution severity			/ 3		
Gauge to IEC 60947-1 / Flammability class UL94			A2 / V-0		
Approvals					SIRA 02ATEX3153 U
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / stranded	mm²	0.5...2.5 / 1.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5			
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)					
Solid / stranded	mm²	0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Note					

Ordering data

Version	Type	Qty.	Order No.
(NiCr - Ni) type K	WDU 2.5/TC TYP K	50	**1024100000**
(Cu - CuNi) type T	WDU 2.5/TC TYP T	50	**1024200000**
(Fe-CuNi) type J	WDU 2.5/TC TYP J	50	**1024300000**
(Pt 10% - Pt Rh/Pt 13% - Pt Rh) type SR	WDU 2.5/TC TYP SR	50	**1024400000**
(Pt 10% Rh - Pt 6% Rh) type B	WDU 2.5/TC TYP B	50	**1033700000**
(NiCr - CuNi) type E	WDU 2.5/TC TYP E	50	**1033300000**
(NiSil - Nicrosil) type N	WDU 2.5/TC TYP N	50	**1041500000**
Note			

Accessories

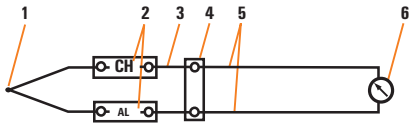
End plate / Partition plate	Type	Width	Qty.	Order No.
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**

Identification systems	(see assortment in catalogue 7)	
	Marking tags	DEK 5/5
Note		

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

Configuration of a temperature measuring circuit

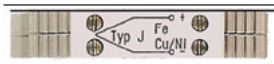
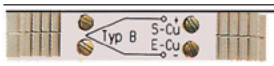
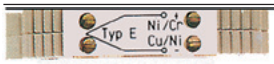


1 Thermocouple (sensor)
2 Thermocouple terminals
3 Compensating conductor
4 Reference junction
5 Supply and return conductors
6 Measuring instrument

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor.
Thermocouple terminals are required for constructing a temperature measuring circuit.

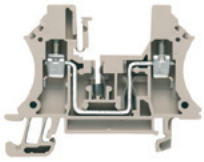
Technical data

Thermocouples to IEC 584 (DIN 43 710)

	Current bar
	Cromel Alumel
	E-grade copper Constantan
	Iron Constantan
	E-grade copper/ A-grade copper
	S-grade copper/ E-grade copper
	Cromel- Constantan

WPO 4 — 4 mm²

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	6 x 60 x 47
max. current / max. cond. cross-section	A/mm²	**32 / 4**
Max. clamping range	mm²	**0.13...4**

Technical data

IEC 60947-7-1

Rated data		IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (D)
Rated current	A	32	10 (D)	10 (D)
Rated cross-section	mm²	4	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0		
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)		
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm		
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²	0.5...1.5		
Flexible / Flexible with ferrule	mm²	0.5...1.5		
Note		The tightening torque is 2 Nm when connecting two conductors.		

Ordering data

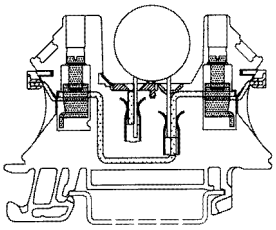
Version	Type	Qty.	Order No.
Dark beige Wemid	WPO 4	50	**1036000000**
Note			

Accessories

Intermediate frame	Type	Width	Qty.	Order No.
Thickness 2,5 mm	ZR WPO4 DB	2.5 mm	20	**1071100000**
Busbar				
1 m	SSCH 7.3X1.2X1000	7.3 mm	1	**1071200000**

Identification systems	(see assortment in catalogue 7)	
Marking tags		DEK 5/6 / WS 12/5
Note		

WPO 4 with varistor

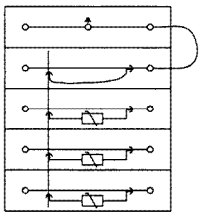


Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc.
These "electronic terminals" no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be distinguished.

The significant advantages of this design are:

- **Cost saving:**
  Components can be changed quickly on site.
  Service requires only a visual inspection.
- **Clarity:**
  Components are easy to distinguish.
- **Flexibility:**
  Components can immediately be adapted to changed conditions.

Note:
Never change eletronic components under load!

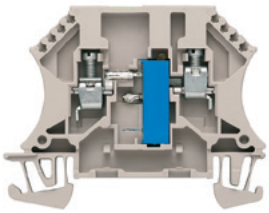


Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

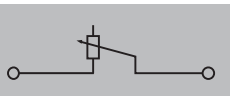
Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDUL 4/... 4 mm²



Width/Length/Height of lowest version	mm	6.5 x 60 x 47
max. current / max. cond. cross-section	A/mm²	**6 / 6**
Max. clamping range	mm²	**0.13...6**



Technical data

		IEC	UL	CSA
Rated data		IEC 60947-7-1		
Rated cross-section	mm²	4		
Gauge to IEC 60947-1 / Flammability class UL94			A4 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²		0.5...6 / 1.5...6	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.8 Nm (M 3)		
Stripping length / Blade size	mm/-	9 / 0.6 x 3.5 mm		
Note				

Ordering data

Version	Type	Qty.	Order No.
10 Ω	WDUL 4/10	10	**1027000000**
10 kΩ	WDUL 4/10K	10	**1027700000**
100 Ω	WDUL 4/100	10	**1027300000**
500 Ω	WDUL 4/500	10	**1027400000**
1 kΩ	WDUL 4/1K	10	**1027500000**
5 kΩ	WDUL 4/5K	10	**1027600000**
50 kΩ	WDUL 4/50K	10	**1027800000**
500 kΩ	WDUL 4/500K	10	**1028000000**
Without potentiometer	WDUL 4	10	**8161820000**
Note			

Accessories

	Type	Width	Qty.	Order No.
End plate / Partition plate				
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Dark beige Wemid	EW 35	8.5 mm	50	**0383560000**
Screwdriver				
With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**9008330000**
Shield bus				
	LS 2.8 WDU2.5-10	1.15 mm	100	**1056400000**
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5			
Note				

Technical data for the 30-Ω compensating resistor

Resistor material: "Cermet"

Resistor setting range: 0...30 Ω

Wave form: linear

Temperature coefficient: 100 ppm/°C

Mechanical lifespan: 200 operations without permissible deviations, across the entire resistance range

Resistance change per spindle turn: ≈ 1,2 Ω

Rated output for total resistance: 1 watt at 70 °C

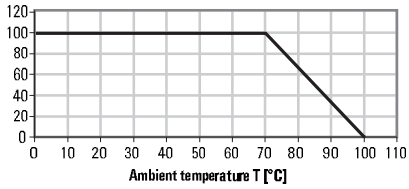
Rated current: 120 mA

Ambient temperature: -55 °C to +70 °C

Ingress (seal) protection:

1) Leak tested in water at 70 °C without bubble formation
2) Storage in SFW 2.0 S, acc. to DIN 50018, 9 cycles

Capacity expressed in % of rated load

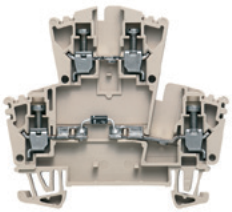


Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

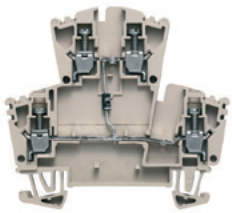
WDK 2.5/D — 2.5 mm²

Reverse polarity protection

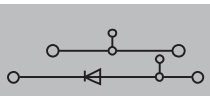


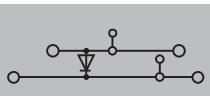
WDK 2.5/D/1 — 2.5 mm²

Suppression circuit e. g. for contactor



		WDK 2.5/D	WDK 2.5/D/1
Width/Length/Height of lowest version	mm	5.1 x 69 x 63	5.1 x 69 x 63
max. current / max. cond. cross-section	A/mm²	**10 / 4**	**10 / 4**
Max. clamping range	mm²	**0.05...4**	**0.05...4**





Technical data

		WDK 2.5/D	WDK 2.5/D/1
Rated data		IEC 60947-7-1	IEC 60947-7-1
Rated voltage	V	IEC 0 / UL 300 (C) / CSA	IEC 400 / UL 300 (C) / CSA 300 (C)
Rated current	A	IEC 10 / UL 1 (C)	IEC 10 / UL 1 (C) / CSA 1 (C)
Rated cross-section	mm²	IEC 2.5 / UL AWG 30...12	IEC 2.5 / UL AWG 30...12 / CSA AWG 26...12
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	A3 / V-0
Approvals			
Electronic fixtures			
Component voltage / Component current	V/A	1000 / 1	1000 / 1
Operating voltage for display, max. / Current	V/A		
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		Rated current is 10 A for continuous busbars only. Diode 1 N 4007	Rated current is 10 A for continuous busbars only. Diode 1 N 4007

Ordering data

Version	WDK 2.5/D Type	Qty.	Order No.	WDK 2.5/D/1 Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5 1D	25	**8025610000**	WDK 2.5 1D A.1	25	**1023400000**
Dark beige Wemid (red LED)						
Dark beige Wemid (green LED)						
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**	WQV 2.5/2	32 A	50	**1053660000**
3-pole	WQV 2.5/3	32 A	50	**1053760000**	WQV 2.5/3	32 A	50	**1053760000**
4-pole	WQV 2.5/4	32 A	50	**1053860000**	WQV 2.5/4	32 A	50	**1053860000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDK2.5	1.5 mm	20	**1059100000**	WAP WDK2.5	1.5 mm	20	**1059100000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Screwdriver								
With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**	SWIFTY SET	18 mm	1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note		

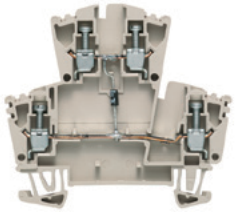
Terminals with electronic components

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

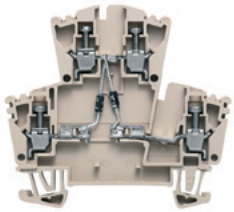
WDK 2.5/D/2 — 2.5 mm²

Suppression circuit e. g. for contactor

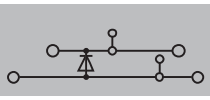


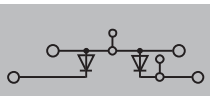
WDK 2.5/D/4 — 2.5 mm²

Lamp test circuits



		WDK 2.5/D/2	WDK 2.5/D/4
Width/Length/Height of lowest version	mm	5.1 x 69 x 63	5.1 x 69 x 63
max. current / max. cond. cross-section	A/mm²	**10 / 4**	**10 / 4**
Max. clamping range	mm²	**0.05...4**	**0.05...4**





Technical data

		WDK 2.5/D/2			WDK 2.5/D/4		
Rated data		IEC 60947-7-1			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	400	300 (C)	300 (C)	400		
Rated current	A	10	1 (C)	1 (C)	10		
Rated cross-section	mm²	2.5	AWG 30...12	AWG 26...12	2.5		
Rated impulse withstand voltage / Pollution severity			6 kV / 3			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0			A3 / V-0	
Approvals							
Electronic fixtures							
Component voltage / Component current	V/A	1000 / 1			1000 / 1		
Operating voltage for display, max. / Current	V/A						
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note		Rated current is 10 A for continuous busbars only. Diode 1 N 4007			Rated current is 10 A for continuous busbars only. Diode 1 N 4007		

Ordering data

Version	WDK 2.5/D/2 Type	Qty.	Order No.	WDK 2.5/D/4 Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5 1D A.2	25	**1023300000**	WDK 2.5 2D 1.A	25	**8014670000**
Dark beige Wemid (red LED)						
Dark beige Wemid (green LED)						
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

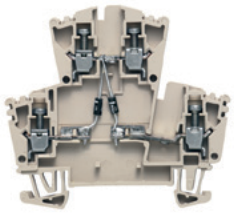
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**	WQV 2.5/2	32 A	50	**1053660000**
3-pole	WQV 2.5/3	32 A	50	**1053760000**	WQV 2.5/3	32 A	50	**1053760000**
4-pole	WQV 2.5/4	32 A	50	**1053860000**	WQV 2.5/4	32 A	50	**1053860000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDK2.5	1.5 mm	20	**1059100000**	WAP WDK2.5	1.5 mm	20	**1059100000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Screwdriver								
With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**	SWIFTY SET	18 mm	1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**

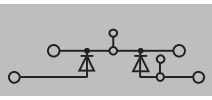
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note		

WDK 2.5/D/5 — 2.5 mm²

Lamp test circuits



5.1 x 69 x 63
10 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
10	1 (C)	10 (D)
2.5	AWG 30...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	
1000 / 1		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only. Diode 1 N 4007

Type	Qty.	Order No.
WDK 2.5 2D 2.A	25	1022600000

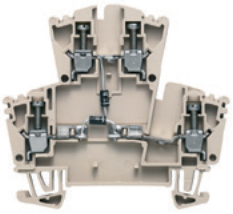
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

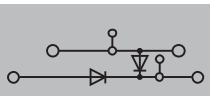
DEK 5/5 / WS 8/5

WDK 2.5/D/6 — 2.5 mm²

Lamp test circuits



5.1 x 69 x 63
10 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400		300 (C)
10		10 (C)
2.5		AWG 26...12
	6 kV / 3	
	A3 / V-0	
1000 / 1		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only.

Type	Qty.	Order No.
WDK 2.5 2D	25	1023500000

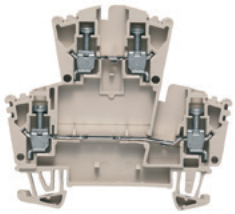
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 8/5

WDK 2.5/D — 2.5 mm²

For installing electronic components



5.1 x 69 x 63
10 / 4
0.05...4

IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	
10	1 (C)	
2.5	AWG 30...12	
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only.

Type	Qty.	Order No.
WDK 2.5/D	100	1023200000

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

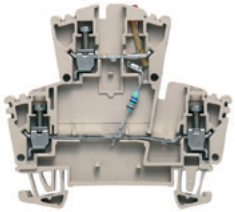
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 8/5

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

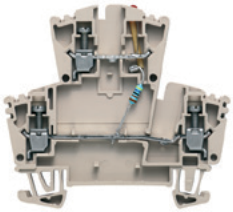
WDK 2.5 LD + - 2.5 mm²

DC voltage indicator + / -

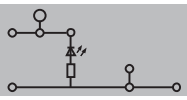


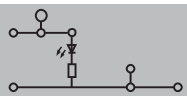
WDK 2.5 LD - + 2.5 mm²

DC voltage indicator - / +



		WDK 2.5 LD + -	WDK 2.5 LD - +
Width/Length/Height of lowest version	mm	5.1 x 69 x 63	5.1 x 69 x 63
max. current / max. cond. cross-section	A/mm²	10 / 4	10 / 4
Max. clamping range	mm²	0.13...4	0.13...4





Technical data

		WDK 2.5 LD + -	WDK 2.5 LD - +
Rated data		IEC 60947-7-1	IEC 60947-7-1
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage	V	24	24
Rated current	A		
Rated cross-section	mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity		0.8 kV / 3	0.8 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	A3 / V-0
Approvals			
Electronic fixtures			
Component voltage / Component current	V/A		
Operating voltage for display, max. / Current	V/mA	24 / 5	24 / 5
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

Ordering data

Version	WDK 2.5 LD + - Type	Qty.	Order No.	WDK 2.5 LD - + Type	Qty.	Order No.
Dark beige Wemid						
Dark beige Wemid (red LED)	WDK 2.5 LD RT 24VDC +-	25	1023600000	WDK 2.5 LD RT 24VDC -+	25	8023630000
Dark beige Wemid (green LED)	WDK 2.5 LD/GN 1R 24VDC	25	8023610000	WDK 2.5 LD GR 1R 24VDC	25	8010040000
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Accessories

Screwable cross-connection	WDK 2.5 LD + - Type	current	Qty.	Order No.	WDK 2.5 LD - + Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000	WQV 2.5/2	32 A	50	1053660000
3-pole	WQV 2.5/3	32 A	50	1053760000	WQV 2.5/3	32 A	50	1053760000
4-pole	WQV 2.5/4	32 A	50	1053860000	WQV 2.5/4	32 A	50	1053860000
10-pole	WQV 2.5/10	32 A	20	1054460000	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDK2.5	1.5 mm	20	1059100000	WAP WDK2.5	1.5 mm	20	1059100000
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
Screwdriver								
With "swifty set" cutting device	SWIFTY SET	18 mm	1	9006060000	SWIFTY SET	18 mm	1	9006060000
Standard	SDS 0.6X3.5X100		1	9008330000	SDS 0.6X3.5X100		1	9008330000

Identification systems	(see assortment in catalogue 7)		
Marking tags		DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note			

Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

	WPDB 16/6 3/4			16/6 mm²	WPDB 35-16/16 1-1/6			35/6 mm²

Technical data

Max. current		80 A			125 A		
Dimensions							
Width / Length / Hight (mm)	with TS 35 x 7.5	27 x 66 x 47 (50)			27 x 74 x 47 (50)		
Weight		63 g			134 g		
IEC rated 60 947-7-1							
Rated voltage	V	690			690		
Rated current	A	80			125		
Rated cross-section in-/output	mm²	16 / 16-6			35-16 / 16		
Rated impulse voltage / Pollution severity		2.5 KV / 3			2.5 KV / 3		
UL94 Flammability Class		V-0			V-0		
Further technical data							
Short-circuit strength (peak value)	kA	22			30		
Short-circuit strength > 1 s	kA	3			4.2		
Inputs		**A**	**B**	**C**	**A**	**B**	**C**
No. of connections		1			1	1	
Clampable conductors:							
„e" solid H07V-U	mm²	2.5 ... 16			10 ... 35	2.5 ... 16	
„m" stranded H07V-R	mm²	2.5 ... 16			10 ... 35	2.5 ... 16	
„f" flexible H07V-K	mm²	2.5 ... 16			10 ... 35	2.5 ... 16	
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	2.5 ... 16			10 ... 35	2.5 ... 16	
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	2.5 ... 16			10 ... 35	2.5 ... 16	
Diameter	mm	7			10	7	
Tightening torque	Nm	1.5 ... 3			3.5 ... 5	3.5 ... 5	
Clamping screw		M5			M8	M6	
Blade size		PZ2			M4	M4	
Stripping length	mm	12 ... 18			14 ... 15	10 ... 12	
Outputs		**A**	**B**	**C**	**A**	**B**	**C**
No. of connections		2	4		6		
Clampable conductors:							
„e" solid H07V-U	mm²	2.5 ... 16	2.5 ... 6		2.5 ... 16		
„m" stranded H07V-R	mm²	2.5 ... 16	2.5 ... 6		2.5 ... 16		
„f" flexible H07V-K	mm²	2.5 ... 16	2.5 ... 6		2.5 ... 16		
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	2.5 ... 16	2.5 ... 6		2.5 ... 16		
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	2.5 ... 16	2.5 ... 6		2.5 ... 16		
Diameter	mm	7	4.5		6.5		
Tightening torque	Nm	1.5 ... 3	0.8 ... 1.5		2 ... 3		
Clamping screw		M5	M4		M5		
Blade size		PZ2	PZ1		PZ2		
Stripping length	mm	9 ... 12	12 ... 18		10 ... 12		
UL/CSA rated data							
Voltage/current/conductor size	UL						
Voltage/current/conductor size	CSA						

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	WPDB 16/6 3/4	1	1939440000	WPDB 35-16/16 1-1/6	1	1939450000

Accessories

Screwdrivers	Type	Qty.	Order No.	Type	Qty.	Order No.
Crosshead screwdriver, Pozidriv type	SDK PZ1	1	9008530000			
Crosshead screwdriver, Pozidriv type	SDK PZ2	1	9008540000	SDK PZ2	1	9008540000
7-piece hexagon wrench set	SK-S 2.0-8.0	1	9008860000	SK-S 2.0-8.0	1	9008860000
Labelling systems						
Marking labels	LM MT300 15 x 9 GE	1	1882890000	LM MT300 15 x 9 GE	1	1882890000

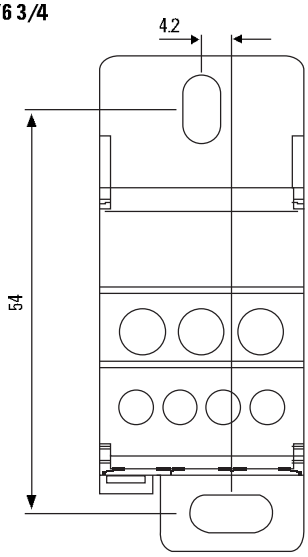
WPDB 70/16 1/10 — 70/16 mm²

175 A		
45 x 71 x 43 (46)		
228 g		
690		
175		
70 / 16		
2.5 KV / 3		
V-0		
22		
3		
A	**B**	**C**
1		
16 ... 70		
16 ... 70		
16 ... 50		
16 ... 50		
16 ... 50		
12		
5		
M10		
M5		
15 ... 16		
A	**B**	**C**
10		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
6		
3		
M6		
M3		
10 ... 12		

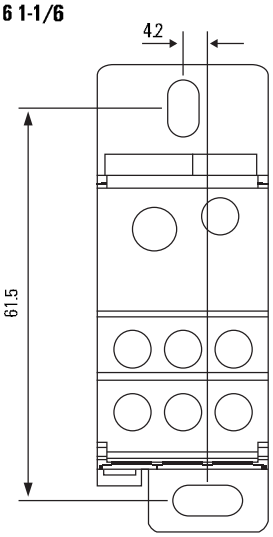
Type	Qty.	Order No.
WPDB 70/16 1/10	1	1939460000

Type	Qty.	Order No.
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

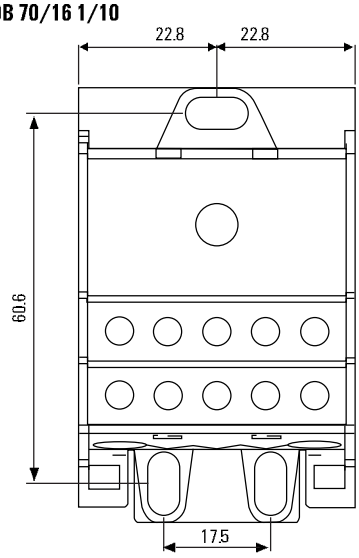
WPDB 16/6 3/4



WPDB 35-16/16 1-1/6



WPDB 70/16 1/10



Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

	WPDB 120/35-16-10 1/2-5-4		120/35 mm²	WPDB 185/35-16-10 1/2-5-4		185/35 mm²

Technical data

Max. current		250 A			400 A		
Dimensions							
Width / Length / Hight (mm)	with TS 35 x 7.5	44 x 96 x 50 (53)			44 x 96 x 50 (53)		
Weight		434 g			414 g		
IEC rated 60 947-7-1							
Rated voltage	V	690			690		
Rated current	A	250			400		
Rated cross-section in-/output	mm²	120 / 35-16-10			185 / 35-16-10		
Rated impulse voltage / Pollution severity		2.5 KV / 3			2.5 KV / 3		
UL94 Flammability Class		V-0			V-0		
Further technical data							
Short-circuit strength (peak value)	kA	51			51		
Short-circuit strength > 1 s	kA	24.5			24.5		
Inputs		**A**	**B**	**C**	**A**	**B**	**C**
No. of connections		1			1		
Clampable conductors:							
„e" solid H07V-U	mm²	35 ... 120			95 ... 185		
„m" stranded H07V-R	mm²	35 ... 120			95 ... 185		
„f" flexible H07V-K	mm²	35 ... 120			95 ... 185		
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	35 ... 70			95 ... 120		
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	35 ... 70			95 ... 120		
Diameter	mm	15			19		
Tightening torque	Nm	19			25		
Clamping screw		M14			M16		
Blade size		M6			M8		
Stripping length	mm	27 ... 29			27 ... 29		
Outputs		**A**	**B**	**C**	**A**	**B**	**C**
No. of connections		2	5	4	2	5	4
Clampable conductors:							
„e" solid H07V-U	mm²	6 ... 35	1.5 ... 16	1.5 ... 10	6 ... 35	1.5 ... 16	1.5 ... 10
„m" stranded H07V-R	mm²	6 ... 35	1.5 ... 16	1.5 ... 10	6 ... 35	1.5 ... 16	1.5 ... 10
„f" flexible H07V-K	mm²	6 ... 35	1.5 ... 16	1.5 ... 10	6 ... 35	1.5 ... 16	1.5 ... 10
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	6 ... 25	1.5 ... 16	1.5 ... 10	6 ... 25	1.5 ... 16	1.5 ... 10
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	6 ... 25	1.5 ... 16	1.5 ... 10	6 ... 25	1.5 ... 16	1.5 ... 10
Diameter	mm	9	6.5	6	9	6.5	6
Tightening torque	Nm	3.5	2	2	3.5	2	2
Clamping screw		M8	M6	M6	M8	M6	M6
Blade size		SD 1.0 x 5.5 x 150	SD 0.8 x 4.5 x 125	SD 0.8 x 4.5 x 125	SD 1.0 x 5.5 x 150	SD 0.8 x 4.5 x 125	SD 0.8 x 4.5 x 125
Stripping length	mm	10 ... 12	10 ... 12	10 ... 12	10 ... 12	10 ... 12	10 ... 12
UL/CSA rated data							
Voltage/current/conductor size	UL						
Voltage/current/conductor size	CSA						

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	WPDB 120/35-16-10 1/2-5-4	1	1939470000	WPDB 185/35-16-10 1/2-5-4	1	1939480000

Accessories

Screwdrivers	Type	Qty.	Order No.	Type	Qty.	Order No.
Crosshead screwdriver, Pozidriv type	SD 1.0 x 5.5 x 150	1	9008350000	SD 1.0 x 5.5 x 150	1	9008350000
Crosshead screwdriver, Pozidriv type	SD 0.8 x 4.5 x 125	1	9009020000	SD 0.8 x 4.5 x 125	1	9009020000
7-piece hexagon wrench set	SK-S 2.0-8.0	1	9008860000	SK-S 2.0-8.0	1	9008860000
Labelling systems						
Marking labels	LM MT300 15 x 9 GE	1	1882890000	LM MT300 15 x 9 GE	1	1882890000

WPDB 3 x 70/16 1/6 — 70/16 mm²

175 A	
71 x 74 x 43 (46)	
386 g	
690	
175	
70 / 16	
2.5 KV / 3	
V-0	

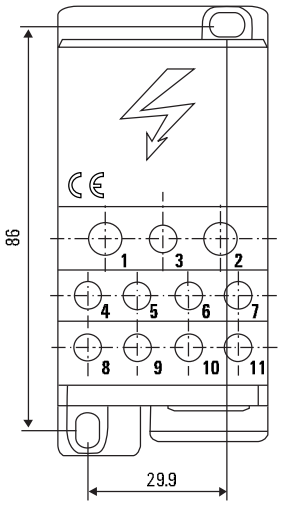
A	B	C
3 x 1		
16 ... 70		
16 ... 70		
16 ... 70		
16 ... 50		
16 ... 50		
12		
5		
M10		
M5		
15 ... 16		

A	B	C
3 x 6		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
6		
3		
M6		
M3		
10 ... 12		

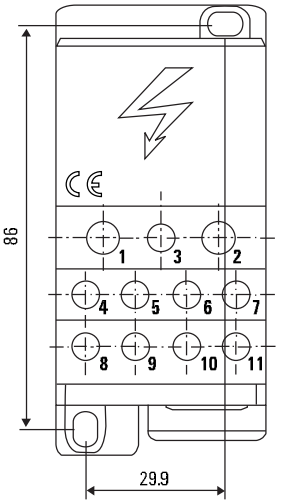
Type	Qty.	Order No.
WPDB 3 x 70/16 1/6	1	1939490000

Type	Qty.	Order No.
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

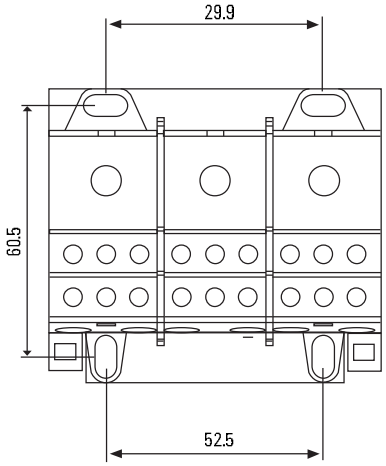
WPDB 120/35-16-10 1/2-5-4



WPDB 185/35-16-10 1/2-5-4



WPDB 3 x 70/16 1/6

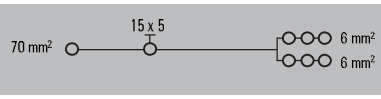


Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

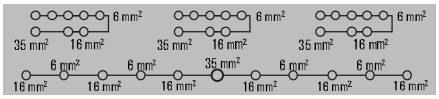
WPDB 70/16 1/6 — 70/16 mm²

With distribution for busbars (parallel connection)
15 x 5 mm



WPDB 35/16/6/N 1/2/5/11 — 35/16/6/N mm²

Three-phase power-supply block with neutral-conductor busbar



Technical data

Max. current		160 A			125 A	
Dimensions						
Width / Length / Hight (mm)	with TS 35 x 7.5	35 x 92 x 50 (53)			98 x 74 x 50 (53)	
Weight		238 g			314 g	
IEC rated 60 947-7-1						
Rated voltage	V	690			690	
Rated current	A	160			125	
Rated cross-section in-/output	mm²	70 / 16			35 / 16	
Rated impulse voltage / Pollution severity		2.5 KV / 3			2.5 KV / 3	
UL94 Flammability Class		V-0			V-0	
Further technical data						
Short-circuit strength (peak value)	kA	30			30	
Short-circuit strength > 1 s	kA	11.8			11.8	
Inputs		**A**	**B**	**C**	**A**	**B**	**C**
No. of connections		1			3 x 1	3 x 5	3 x 2
Clampable conductors:							
„e" solid H07V-U	mm²	10 ... 70			6 ... 35	1.5 ... 6	1.5 ... 16
„m" stranded H07V-R	mm²	10 ... 70			6 ... 35	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K	mm²	10 ... 70			6 ... 35	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	10 ... 50			6 ... 25	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	10 ... 50			6 ... 25	1.5 ... 6	1.5 ... 16
Diameter	mm	13			9	5	7
Tightening torque	Nm	4			1.5	0.8	1.5
Clamping screw		M10			M5	M4	M5
Blade size		M5			PZ2	PZ1	PZ2
Stripping length	mm	19 ... 23			12 ... 18	9 ... 12	12 ... 18
Outputs		**A**	**busbar**	**C**	**neutral cond.**	**neutral cond.**	**neutral cond.**
No. of connections		6	16 x 5 mm max.		1	4	6
Clampable conductors:							
„e" solid H07V-U	mm²	2.5 ... 16			6 ... 35	1.5 ... 6	1.5 ... 16
„m" stranded H07V-R	mm²	2.5 ... 16			6 ... 35	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K	mm²	2.5 ... 16			6 ... 35	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	2.5 ... 16			6 ... 25	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	2.5 ... 16			6 ... 25	1.5 ... 6	1.5 ... 16
Diameter	mm	6			9	5	7
Tightening torque	Nm	2	3		1.5	0.8	1.5
Clamping screw		M5	M6		M5	M4	M5
Blade size		PZ2	M5		PZ2	PZ1	PZ2
Stripping length	mm	10 ... 12			12 ... 18	9 ... 12	12 ... 18
UL/CSA rated data							
Voltage/current/conductor size	UL						
Voltage/current/conductor size	CSA						

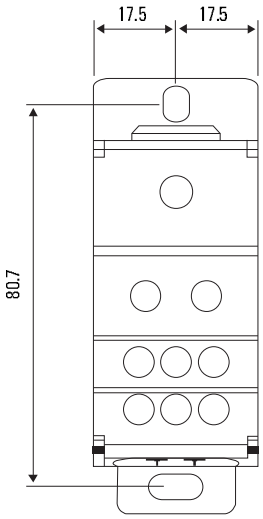
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	WPDB 70/16 1/6	1	1939500000	WPDB 35/16/6/N 1/2/5/11	1	1939510000

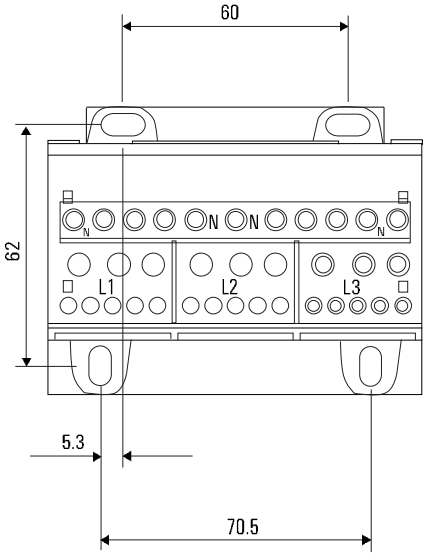
Accessories

Screwdrivers	Type	Qty.	Order No.	Type	Qty.	Order No.
Crosshead screwdriver, Pozidriv type				SDK PZ1	1	9008530000
Crosshead screwdriver, Pozidriv type	SDK PZ2	1	9008540000	SDK PZ2	1	9008540000
7-piece hexagon wrench set	SK-S 2.0-8.0	1	9008860000			
Labelling systems						
Marking labels	LM MT300 15 x 9 GE	1	1882890000	LM MT300 15 x 9 GE	1	1882890000

WPDB 70/16 1/6

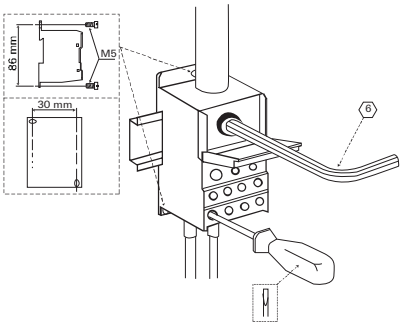


WPDB 35/16/6/N 1/2/5/11

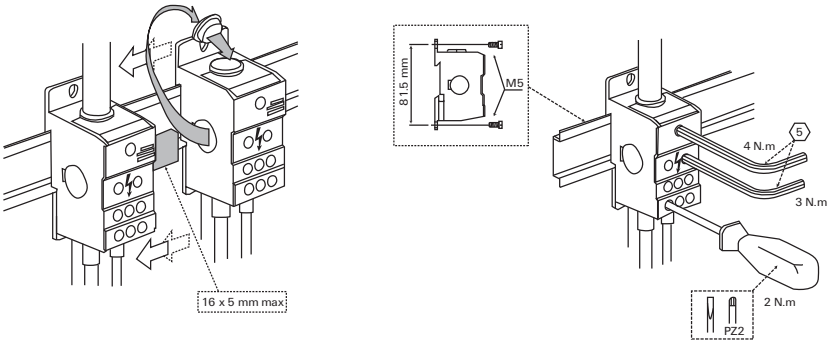


Assembly instructions

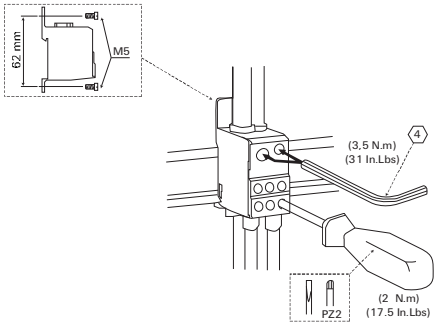
WPDB 120/35-16-10 1/2-5-4 and
WPDB 185/35-16-10 1/2-5-4



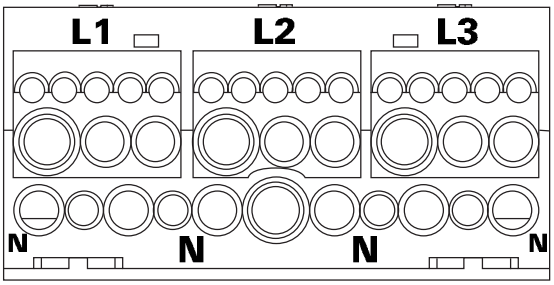
WPDB 70/16 1/6



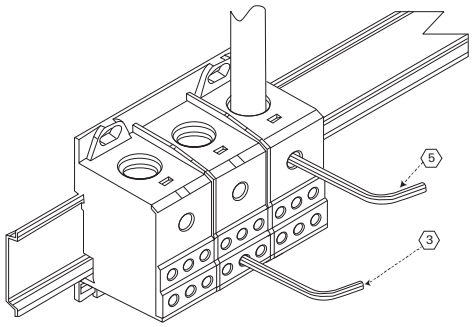
WPDB 35-16/16 1-1/6



WPDB 35/16/6/N 1/2/5/11



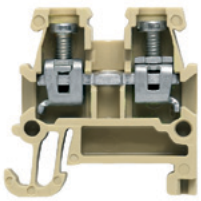
WPDB 3x70/16 1/6



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

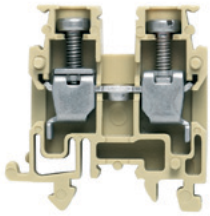
AKZ 1.5 — 1.5 mm²

Feed-through terminal



AKZ 2.5 — 2.5 mm²

Feed-through terminal



		AKZ 1.5	AKZ 2.5
Width/Length/height with TS15x7.5	mm	5.1 x 24.8 x 26	5.1 x 25.5 x 27.1
max. current / max. cond. cross-section	A/mm²	**24 / 2.5**	**32 / 4**
Max. clamping range	mm²	**0.21...2.5**	**0.13...4**

Technical data

		AKZ 1.5			AKZ 2.5			
Rated data		IEC 60947-7-1		II 2 G D	IEC 60947-7-1		Ex e II	II 2 G D
		IEC	**UL**	**CSA**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	250	150 (C)	300 (C)	250	300 (D)	300 (C)	176
Rated current	A	17.5	15 (C)	10 (C)	24	10 (D)	10 (C)	15
Rated cross-section	mm²	1.5	AWG 22...14	AWG 24...16	2.5	AWG 22...12	AWG 26...10	2.5
Rated impulse withstand voltage / Pollution severity		4 kV / 3			4 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94		A1 / V-2			A3 / V-2			
Approvals								SIRA 02ATEX3001 U
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**			
Solid / stranded	mm²	0.5...2.5 / 1.5...1.5			0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			0.5...2.5 / 0.5...2.5			
Tightening torque range (terminal screw)		0.4...0.6 (M 2.5)			0.4...0.6 (M 2.5)			
Stripping length / Blade size	mm/-	7 / 3.0 x 0.5 mm			7 / 3.0 x 0.5 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / stranded	mm²	0.5...1			0.5...1.5			
Flexible / Flexible with ferrule	mm²							
Note								

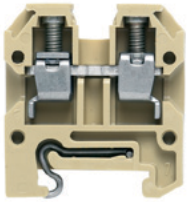
Ordering data

Version	AKZ 1.5 Type	Qty.	Order No.	AKZ 2.5 Type	Qty.	Order No.
beige (PA)	AKZ 1.5	100	**0340460000**	AKZ 2.5	100	**0697160000**
Blue (PA)	AKZ 1.5 BL	100	**0340480000**	AKZ 2.5 BL	100	**0697180000**
green/yellow (PA)						
Note	AKZ 1.5 Order no. 0340460000 and 0340480000 in PA with flammability rating acc. to UL94/V-2.			AKZ 2.5 Order no. 0697160000 and 0697180000 in PA with flammability rating acc. to UL94/V-2.		

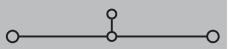
Accessories

	AKZ 1.5 Type	current	Qty.	Order No.	AKZ 2.5 Type	current	Qty.	Order No.
Screwable cross-connection								
2-pole	Q 2 AKZ1.5	24 A	50	**0368200000**	Q 2 AKZ1.5	24 A	50	**0368200000**
3-pole	Q 3 AKZ1.5	24 A	50	**0368300000**	Q 3 AKZ1.5	24 A	50	**0368300000**
4-pole	Q 4 AKZ1.5	24 A	50	**0368400000**	Q 4 AKZ1.5	24 A	50	**0368400000**
10-pole	Q 10 AKZ1.5	24 A	20	**0368500000**	Q 10 AKZ1.5	24 A	20	**0368500000**
External cross-connection								
2-pole								
3-pole								
4-pole								
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	AP AKZ1.5	1.5 mm	50	**0340560000**	AP AKZ2.5	2.5 mm	50	**0697360000**
Blue Wemid	AP AKZ1.5 BL	1.5 mm	50	**0340580000**	AP AKZ2.5 BL	2.5 mm	50	**0697380000**
Dark beige Wemid					TW AKZ2.5	1.5 mm	20	**0318560000**
End bracket								
Dark beige Wemid	EW 15	10 mm	50	**0382860000**	EW 15	10 mm	50	**0382860000**
Testing / Checking								
Test plug	PS 2.3 RT	5.4 mm	20	**0180400000**	PS 2.3 RT	5.4 mm	20	**0180400000**
Socket	STB 8.5/D4/2.3/M2.5 AKZ		50	**0215700000**	STB 8.5/D4/2.3/M2.5 AKZ		50	**0215700000**
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/5				DEK 5/5			
Note								

AKZ 4 — 4 mm²



6.1 x 27 x 30.5
41 / 6
0.13...6



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300 (C)	300 (C)	275
32	27 (C)	10 (C)	21
4	AWG 22...12	AWG 24...12	4
6 kV / 3			
A3 / V-2			
			SIRA 02ATEX3001 U

Rated connection
0.5...6 / 1.5...4
0.5...4 / 0.5...2.5
0.6...0.8 (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5

Type	Qty.	Order No.
AKZ 4	100	0294360000
AKZ 4 BL	100	0294380000

AKZ 4 Order no. 0294360000 and 0294380000 made of PA with flammability class acc. to UL94/V-2.

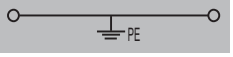
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000
	Width		
AP AKZ4	1.5 mm	20	0294460000
AP AKZ4 BL	1.5 mm	20	0294480000
TW AKZ4	0.6 mm	50	0348260000
EW 15	10 mm	50	0382860000
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000

DEK 5/6

AKE 2.5 — 2.5 mm²

PE terminal

5.1 x 28 x 28
/ 4
0.13...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	2.5
/ 3			
A3 / V-2			
			SIRA 02ATEX3001 U

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...2.5
0.4...0.6 (M 2.5)
7 / 3.0 x 0.5 mm
...4

Type	Qty.	Order No.
AKE 2.5	100	1303360000

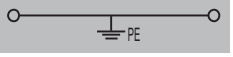
Type	current	Qty.	Order No.

DEK 5/5

AKE 4 — 4 mm²

PE terminal

7 x 32 x 34.5
/ 4
0.13...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 22...12	AWG 26...12	4
/ 3			
A3 / V-2			
			SIRA 02ATEX3001 U

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1 (M 3)
9 / 0.6 x 3.5 mm
...4

Type	Qty.	Order No.
AKE 4	100	0380260000

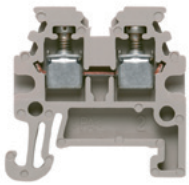
Type	current	Qty.	Order No.

DEK 5/6.5

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

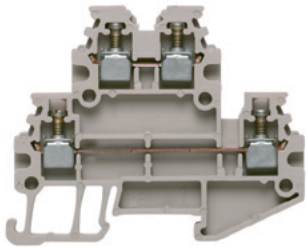
WDU 1.5/R 3.5 — 1.5 mm²

Feed-through terminal (V0)

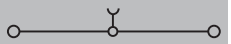


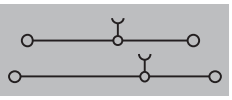
WDK 1.5/R3.5 — 1.5 mm²

Double feed-through terminal (V0)



		WDU 1.5/R 3.5	WDK 1.5/R3.5
Width/Length/height with TS15x7.5	mm	3.5 x 24.5 x 25	3.5 x 46.5 x 38.5
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**	**16 / 1.5**
Max. clamping range	mm²	**0.13...1.5**	**0.13...1.5**





Technical data

		WDU 1.5/R 3.5				WDK 1.5/R3.5			
Rated data									
Rated voltage	V	IEC 60947-7-1				IEC 60947-7-1			
Rated current	A	Ex e II			II 2 G D	Ex e II			II 2 G D
Rated cross-section	mm²	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated impulse withstand voltage / Pollution severity		400	300 (D)	300 (D)	275	400	300 (D)	300 (D)	275
Gauge to IEC 60947-1 / Flammability class UL94		17.5	10 (D)	10 (D)	14	16	10 (D)	10 (D)	15
Approvals		1.5	AWG 26...14	AWG 26...14	1.5	1.5	AWG 26...14	AWG 26...14	1.5
		4 kV / 3				4 kV / 3			
		A1 / V-0				A1 / V-0			
		KEMA 99ATEX6545 U				KEMA 99ATEX6545 U			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / stranded	mm²	0.5...1.5 / 1.5...1.5				0.5...1.5 / 1.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Tightening torque range (terminal screw)		0.3 Nm(M 2)				0.3 Nm(M 2)			
Stripping length / Blade size	mm/-	7 / 0.4 x 2.5 mm				7 / 0.4 x 2.5 mm			
2 conductors with same cross-section (H05V/H07V)									
Solid / stranded	mm²	0.5...0.75				0.5...0.75			
Flexible / Flexible with ferrule	mm²	0.5...0.75 / 0.5...0.5				0.5...0.75 / 0.5...0.5			
Note		PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule.				PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule.			

Ordering data

Version	WDU 1.5/R3.5 Type	Qty.	Order No.	WDK 1.5/R3.5 Type	Qty.	Order No.
Dark beige Wemid (PA)	WDU 1.5/R3.5	100	**1753280000**	WDK 1.5/R3.5	100	**1753290000**
Blue Wemid (PA)	WDU 1.5/R3.5 BL	100	**1754170000**			
Note						

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 1.5N/R3.5/2 GE	17.5 A	50	**1754210000**	ZQV 1.5N/R3.5/2 GE	17.5 A	50	**1754210000**
3-pole	ZQV 1.5N/R3.5/3 GE	17.5 A	50	**1754220000**	ZQV 1.5N/R3.5/3 GE	17.5 A	50	**1754220000**
4-pole	ZQV 1.5N/R3.5/4 GE	17.5 A	20	**1754230000**	ZQV 1.5N/R3.5/4 GE	17.5 A	20	**1754230000**
10-pole	ZQV 1.5N/R3.5/10 GE	17.5 A	20	**1754290000**	ZQV 1.5N/R3.5/10 GE	17.5 A	20	**1754290000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDK1.5/R3.5	1.5 mm	20	**1754200000**	WAP WDK1.5/R3.5	1.5 mm	20	**1754200000**
End bracket								
Dark beige Wemid	EW 15	10 mm	50	**0382860000**	EW 15	10 mm	50	**0382860000**

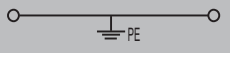
Identification systems	(see assortment in catalogue 7)		
Marking tags		DEK 5/3,5	DEK 5/3,5
Note			

WPE 1.5/R3.5 — 1.5 mm²

PE terminal (V0)

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS15x7.5	mm	3.5 x 24.5 x 25
max. current / max. cond. cross-section	A/mm²	**/ 1.5**
Max. clamping range	mm²	**0.13...1.5**



Technical data

IEC 60947-7-2

Rated data		IEC	UL	CSA
Rated cross-section	mm²	1.5	AWG 26...18	AWG 26...18
Rated voltage to adjoining terminal	V	400		
Rated impulse withstand voltage to adjacent terminal	kV	6		
Rated short-time current		180 A (1.5 mm²)		
Pollution severity		3		
Gauge to IEC 60947-1 / Flammability class UL94		A1 / V-0		
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...1.5 / 1.5...1.5		
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5		
Tightening torque range (terminal screw)		0.3 Nm(M 2)		
Tightening torque range for fixing screw				
Stripping length / Blade size	mm/-	7 / 0.4 x 2.5 mm		

Note

PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule.

Ordering data

Version	Type	Qty.	Order No.
green/yellow Wemid (PA)	WPE 1.5/R3.5	100	**1798460000**

Note

Accessories

End plate / Partition plate	Type	Width	Qty.	Order No.
Dark beige Wemid	WAP WDU1.5/R3.5	1.5 mm	20	**1754190000**
End bracket				
Dark beige Wemid	EW 15	10 mm	50	**0382860000**

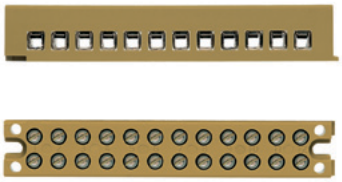
Identification systems	(see assortment in catalogue 7)	
	Marking tags	DEK 5/3,5

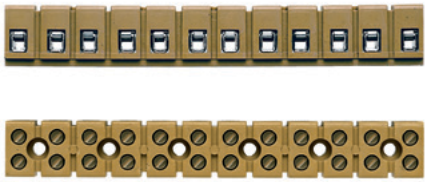
Note

Multi-pole terminal strips for direct mounting

Screw connection

		MK 2/12	MK 3/2...12
		2.5 mm²	2.5 mm²





Width/Length/Height of lowest version	mm	**15 x 86 x 15**	**15 x 91.25 x 16.1**
max. current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	**0.2...4**	**0.33...4**

Technical data

		MK 2/12			MK 3/2...12		
		IEC 60947-7-1			IEC 60947-7-1		
Rated data		**IEC**	**UL**	**CSA**	**IEC**	**UL**	**CSA**
Rated voltage	V	125	300 (D)	300 (D)	400	600 (D)	300 (C)
Rated current	A	24	10 (D)	10 (D)	24	5 (D)	25 (C)
Rated cross-section	mm²	2.5	AWG 24...12	AWG 24...12	2.5	AWG 22...12	AWG 22...12
Rated impulse withstand voltage / Pollution severity		2.5 kV / 3			6 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A2 / 5VA			A2 / 5VA		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...2.5			0.5...4 / 1.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5			0.5...2.5 / 0.5...1.5		
Tightening torque range (terminal screw)		0.4(M 2.5)			0.4...0.45 Nm (M 2.5)		
Stripping length / Blade size	mm/-	5 / 0.6 x 3.5 mm			5 / 0.6 x 3.5 mm		

Ordering data

	MK 2/12					MK 3/2...12				
	Type	**Length**	**Mounting**	**Qty.**	**Order No.**	**Type**	**Length**	**Mounting**	**Qty.**	**Order No.**
2-pole						MK 3/2	17.4 mm	18.5 mm	100	**0273820000**
3-pole						MK 3/3	26.5 mm	18.5 mm	50	**0273920000**
4-pole						MK 3/4	35.75 mm	18.5 mm	50	**0274020000**
5-pole						MK 3/5	45 mm	18.5 mm	50	**0274120000**
6-pole						MK 3/6	54.25 mm	37 mm	50	**0274220000**
7-pole						MK 3/7	63.5 mm	37 mm	50	**0274320000**
8-pole						MK 3/8	72.75 mm	55.5 mm	25	**0274420000**
10-pole						MK 3/10	91.25 mm	74 mm	20	**0274620000**
12-pole	MK 2/12	86 mm	80 mm	50	**0241260000**	MK 3/12	110 mm	92.5 mm	20	**0243520000**
16-pole										

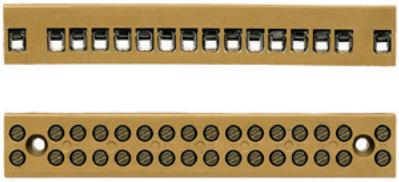
Accessories

	MK 2/12			MK 3/2...12		
Marking strips, printed	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	BSTB 28/12/6.35 U 1-12	50	**0245700000**	BSTB 28/12 MK U 1-12	50	**0245900000**
	BSTB 28/12/6.35 O 1-12	50	**0278500000**	BSTB 28/8 MK U 1-8	50	**0290200000**
				BSTB 28/6 MK U 1-6	50	**0290000000**
Marking strips, unprinted						
				BSTO 28/12 MK	50	**0245800000**
				BSTO 28/8 MK3/8	50	**0284700000**
				BSTO 28/6 MK	50	**0289500000**
				BSTO 28/4 MK3/4	50	**0289300000**

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the "Accessories" section

MK 4/16 — 2.5 mm²



17 x 103 x 16
24 / 4
0.2...4

IEC 60947-7-1

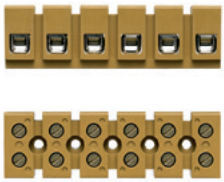
IEC	UL	CSA
400	150 (C)	150 (C)
24	15 (C)	15 (C)
2.5	AWG 22...12	AWG 22...12
6 kV / 3		
A2 / 5VA		

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
0.4...0.45 Nm (M 2.5)
5 / 0.6 x 3.5 mm

Type	Length	Mounting	Qty.	Order No.
MK 4/16	103 mm	85.5 mm	20	**0244220000**

Type	Qty.	Order No.
BSTB 28/16 MK U 1-16	50	**0262200000**
BSTO 28/16 MK 4/16	50	**0262100000**

MK 6/2...6/6 — 6 mm²



23 x 23.5 x 22
41 / 6
0.33...6

IEC 60947-7-1

IEC	UL	CSA
690	300 (C)	300 (C)
41	20 (C)	40 (C)
6	AWG 22...10	AWG 22...10
8 kV / 3		
A3 / 5VA		

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...2 Nm (M 4)
9 / 4.0 x 0.8 mm

Type	Length	Mounting	Qty.	Order No.
MK 6/2	23.5 mm		50	**0620420000**
MK 6/3	36.5 mm	13 mm	50	**0620320000**
MK 6/4	49.5 mm	26 mm	20	**0620220000**
MK 6/6	75.5 mm	52 mm	20	**0620120000**

Type	Qty.	Order No.

Screw connection

		MK 5/2 0.DE	2.5 mm²	KS 2...10	2.5 mm²

Width/Length/Height of lowest version	mm	**18 x 40 x 14**	**25 x 138 x 20**
max. current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	**0.2...4**	**0.2...4**

Technical data

Rated data		IEC	UL	CSA	IEC	UL	CSA
					IEC 60947-7-1		
Rated voltage	V	500		300 (C)	500	300 (C)	300 (C)
Rated current	A	24		25 (C)	24	20 (C)	25 (C)
Rated cross-section	mm²	2.5		AWG 20...14	2.5	AWG 22...12	AWG 24...12
Rated impulse withstand voltage / Pollution severity		6 kV / 3			6 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A2 / 5VA			A2 / 5VA		
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...2.5			0.5...4 / 1.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5			0.5...2.5 / 0.5...1.5		
Tightening torque range (terminal screw)		0.4(M 2.5)			0.5...0.7 Nm (M 3)		
Stripping length / Blade size	mm/-	5 / 0.6 x 3.5 mm			8 / 4.0 x 0.8 mm		

Ordering data

	Type	Length	Mounting	Qty.	Order No.	Type	Length	Mounting	Qty.	Order No.
2-pole	MK 5/2 0.DE	40 mm	32 mm	100	**0243820000**	KS 2 0.D2	42 mm	32 mm	100	**0134420000**
3-pole										
4-pole						KS 4 0.D4	66 mm	56 mm	50	**0140320000**
6-pole						KS 6 0.D6	90 mm	80 mm	50	**0140620000**
10-pole						KS 10 0.D10	138 mm	128 mm	20	**0141620000**
12-pole										

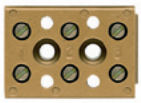
Accessories

Lid / cover	Type	Qty.	Order No.	Type	Qty.	Order No.
	D 2 MK5/2 PA/NA	50	**0244060000**	D2 KS2 TP	100	**0134500000**
				D4 KS4 TP	50	**0140500000**
				D6 KS6 TP	50	**0140800000**
				D10 KS10 TP	20	**0141800000**
Marking strips, printed						
				ELSB 2 BEZ. 1-2	50	**0143200000**
				ELSB 10 BEZ. 1-10	50	**0143500000**
Marking strips, unprinted						

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the "Accessories" section.

BK 2...12 — 4 mm²



22 x 92 x 20
32 / 4
0.33...4

IEC 60947-7-1

IEC	UL	CSA
400	150 (C)	300 (D)
32	20 (C)	10 (D)
4	AWG 22...12	AWG 22...12
6 kV / 3		
A3 / 5VA		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
8 / 4.0 x 0.8 mm

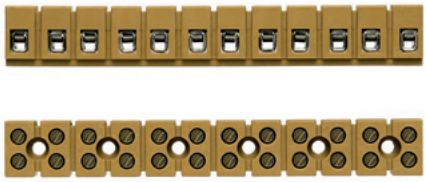
Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm²) can be connected.

Type	Length	Mounting	Qty.	Order No.
BK 2 CRN	20 mm		100	**0624720000**
BK 3 CRN	31 mm	11 mm	100	**0624920000**
BK 4 CRN	38 mm	18 mm	100	**0625120000**
BK 6 CRN	52 mm	32 mm	50	**0625220000**
BK 12 CRN	92 mm	72.5 mm	25	**0625320000**

Type	Qty.	Order No.
BSTB 28/2 BK U 1-2	50	**0203600000**
BSTB 28/4 BK U 1-4	50	**0197300000**
BSTB 28/6 BK U 1-6	50	**0197500000**
BSTB 28/12 BK U 1-12	50	**0198800000**
BSTO 28/2 BK	50	**0203500000**
BSTO 28/3 BK	50	**0203700000**
BSTO 28/4 BK	50	**0197200000**
BSTO 28/6 BK	50	**0197400000**
BSTO 28/12 BK	50	**0198700000**

Screw connection
ATEX approval

		BK 2...12/E 4 mm²	MK 3/2...12/E 2.5 mm²
Width/Length/Height of lowest version	mm	**22 x 92 x 20**	**15 x 110 x 16.1**
max. current / max. cond. cross-section	A/mm²	32 / 4	24 / 4
Max. clamping range	mm²	**0.33...4**	**0.33...4**



Technical data

		BK 2...12/E				MK 3/2...12/E			
		IEC 60947-7-1		Ex e II	II 2 G D	IEC 60947-7-1		Ex e II	II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	400	150 (C)	300 (D)	275	400	600 (D)	300 (C)	275
Rated current	A	32	20 (C)	10 (D)	21	24	5 (D)	25 (C)	15
Rated cross-section	mm²	4	AWG 22...12	AWG 22...12	4	2.5	AWG 22...12	AWG 22...12	2.5
Rated impulse withstand voltage / Pollution severity		6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94		A3 / 5VA				A2 / 5VA			
Approvals		BAS 98ATEX3084 U				BAS 99ATEX2124 U			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / stranded	mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				0.5...2.5 / 0.5...1.5			
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)				0.4...0.45 Nm (M 2.5)			
Stripping length / Blade size	mm/-	8 / 4.0 x 0.8 mm				5 / 0.6 x 3.5 mm			

Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm²) can be connected.

Ordering data

	BK 2...12/E Type	Length	Mounting	Qty.	Order No.	MK 3/2...12/E Type	Length	Mounting	Qty.	Order No.
2-pole	BK 2/E	20 mm		100	**7906040000**	MK 3/2/E	17.4 mm	18.5 mm	100	**7906110000**
3-pole	BK 3/E	31 mm	11 mm	100	**7906060000**	MK 3/3/E	26.5 mm	18.5 mm	50	**7906120000**
4-pole	BK 4/E	38 mm	18 mm	100	**7906080000**	MK 3/4/E	35.75 mm	18.5 mm	50	**7906130000**
5-pole										
6-pole	BK 6/E	52 mm	32 mm	50	**7906090000**	MK 3/6/E	54.25 mm	37 mm	50	**7906150000**
8-pole						MK 3/8/E	72.75 mm	55.5 mm	25	**7906170000**
12-pole	BK 12/E	92 mm	72.5 mm	25	**7906100000**	MK 3/12/E	110 mm	92.5 mm	20	**7906210000**

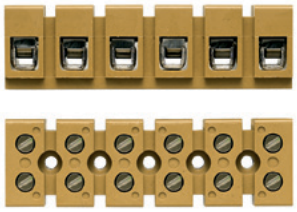
Accessories

	BK 2...12/E Type	Qty.	Order No.	MK 3/2...12/E Type	Qty.	Order No.
Marking strips, printed						
	BSTB 28/2 BK U 1-2	50	**0203600000**	BSTB 28/12 MK U 1-12	50	**0245900000**
	BSTB 28/4 BK U 1-4	50	**0197300000**	BSTB 28/8 MK U 1-8	50	**0290200000**
	BSTB 28/6 BK U 1-6	50	**0197500000**	BSTB 28/6 MK U 1-6	50	**0290000000**
	BSTB 28/12 BK U 1-12	50	**0198800000**			
Marking strips, unprinted						
	BSTO 28/2 BK	50	**0203500000**	BSTO 28/12 MK	50	**0245800000**
	BSTO 28/3 BK	50	**0203700000**	BSTO 28/8 MK3/8	50	**0284700000**
	BSTO 28/4 BK	50	**0197200000**	BSTO 28/6 MK	50	**0289500000**
	BSTO 28/6 BK	50	**0197400000**	BSTO 28/4 MK3/4	50	**0289300000**
	BSTO 28/12 BK	50	**0198700000**			

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the "Accessories" section.

MK 6/2...6/E — 6 mm²



23 x 75.5 x 22
41 / 6
0.33...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
690	300 (C)		440
41	20 (C)		26
6	AWG 22...10		6
	8 kV / 3		
	A3 / 5VA		
			BAS 99ATEX2123 U

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...2 Nm (M 4)
9 / 4.0 x 0.8 mm

Type	Length	Mounting	Qty.	Order No.
MK 6/2/E	23.5 mm		50	**7906220000**
MK 6/3/E	36.5 mm	13 mm	50	**7906230000**
MK 6/4/E	49.5 mm	26 mm	20	**7906240000**
MK 6/5/E	6250 mm	26 mm	20	**7906250000**
MK 6/6/E	75.5 mm	52 mm	20	**7906260000**

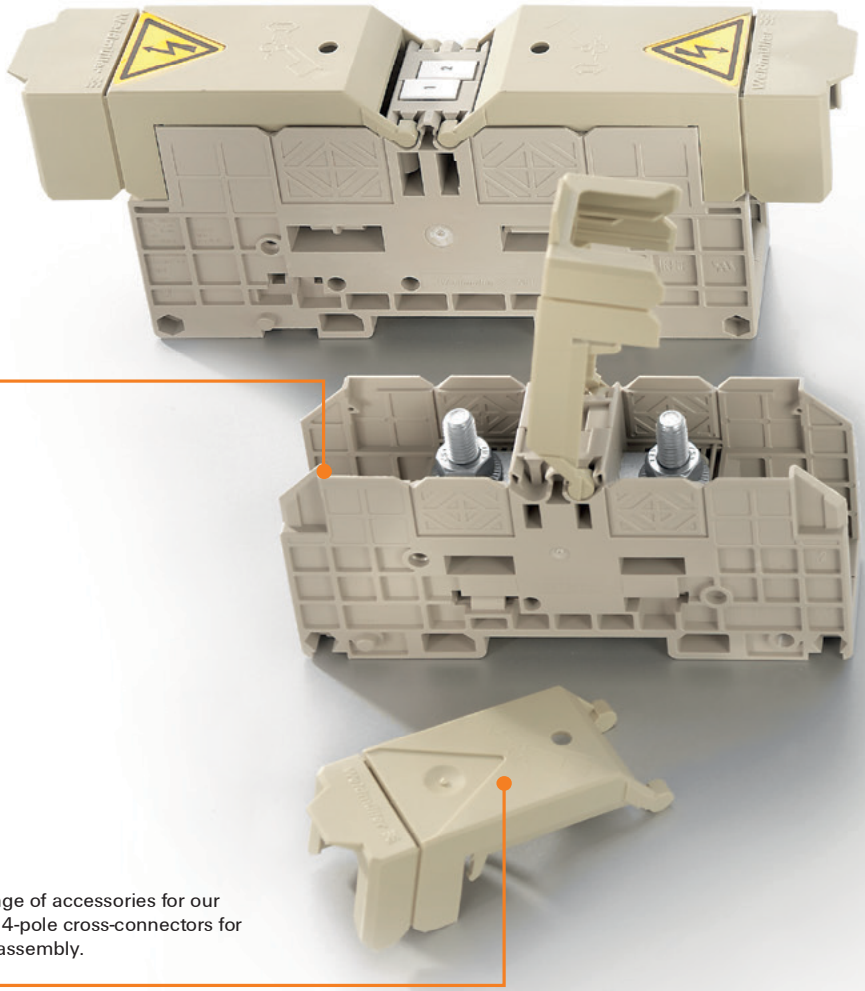
Type	Qty.	Order No.

Weidmüller stud terminals

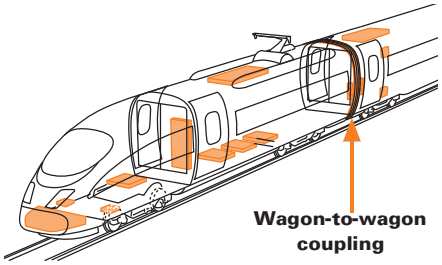
Safe connections for reliable energy transfer

In harsh environments, robust products are important; but they should also be an affordable solution. Our stud terminals meet these requirements exactly: safe power transmission in connection ranges from 10 mm² to 300 mm².

The conductors are attached to the terminals using crimped cable lugs and each connection is secured by tightening the hexagonal nut.
A low voltage drop and the use of a self-extinguishing material with a V0 (UL94) flammability rating guarantee maximum safety.

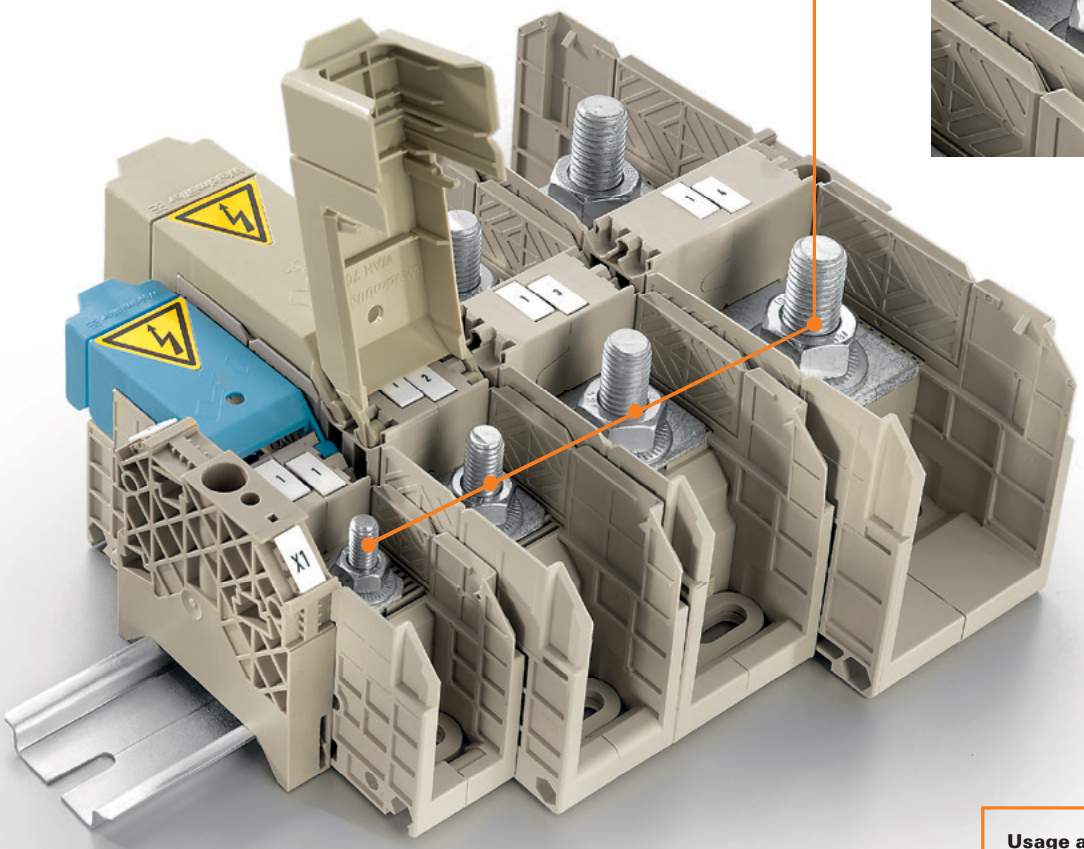


Fit for Transportation
All stud terminals are tested according to the international railway standards and meet the requirements specified.

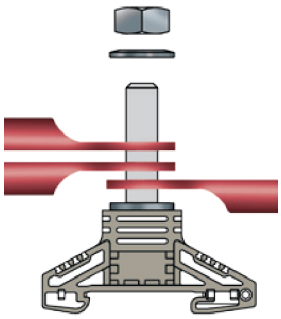


Flexible accessories
We offer a comprehensive range of accessories for our stud terminals, e.g. 2-, 3-, and 4-pole cross-connectors for potential distribution. Simple assembly.

Variable system
Stud terminals in bolt sizes M5 to M16
For conductors with cable lugs according to DIN 46234 up to 240 mm² and DIN 46235 up to 300 mm². Up to four cable lugs per bolt possible.
For voltages ranges up to 4,000 V and currents up to 415 A.



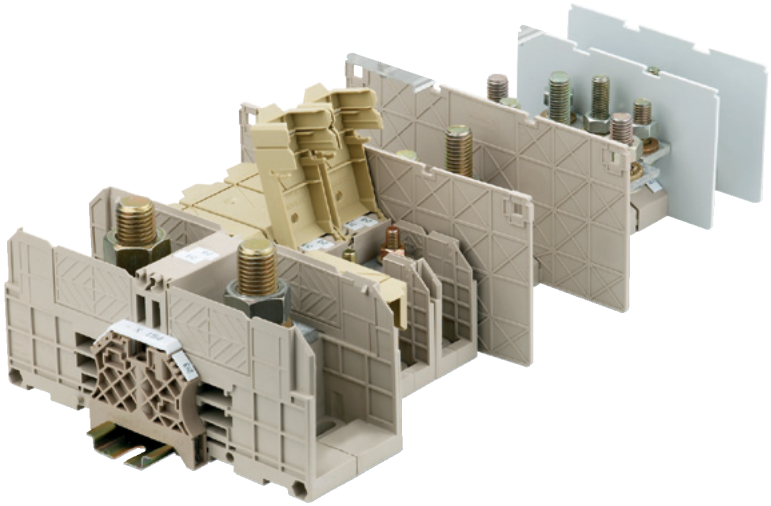
Usage and handling
Cable lugs are crimped onto the wire ends to connect the wires.
The cable lugs are put on between the washer on the clamp support and the thrust washer on the stud.
The back sides of the cable lugs are positioned against each other. As the hex nut is tightened, the cable lugs press against each other to form a secure contact.



Safe operation
Touch-safe protection is guaranteed thanks to cover profiles or the snap-on and screwable cover hoods.

Stud terminals – Accessories

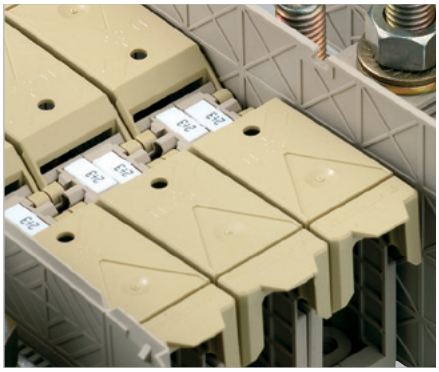
Series WF and WFF



Electrical distribution

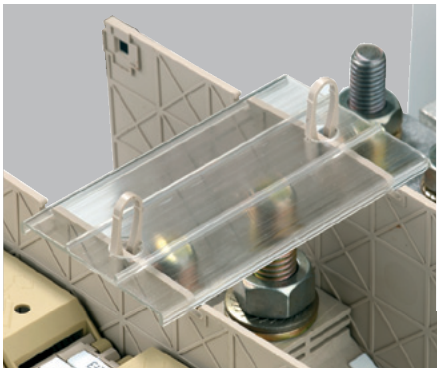
Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles cross-connections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF two-stud terminals, firstly the partition plates have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

Shock protection



The two-stud terminals in the WF-Series offer, with an integrated hinge cover, a high degree of finger safety. When closed, the cover locks onto the terminal and protects the contact from accidental contact.

Shock protection / partition plates



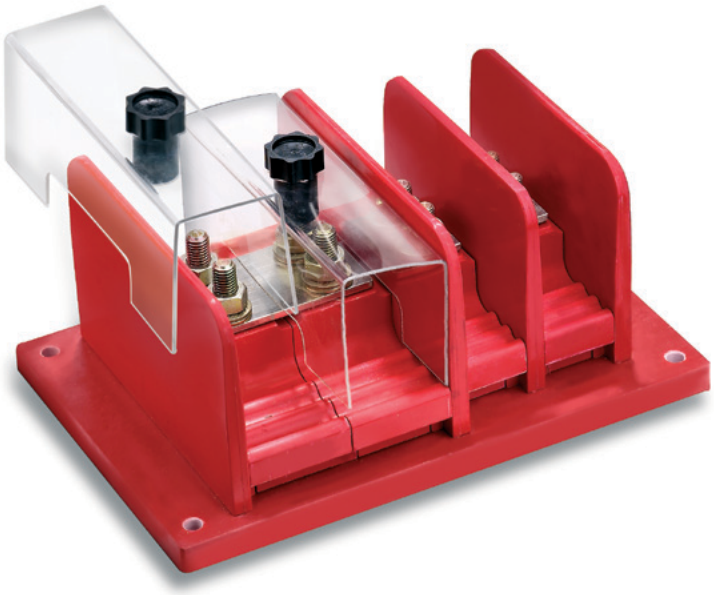
Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltages:

- Voltage range up to 1000 V with partition plate WTW WF
- Voltage range up to 2300 V for WF with epoxy partition plate WTW WF 2300

Connection

Couldn’t be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. A normal open-ended spanner can be used to tighten the hex screw and complete installation.

Series ST 4000



Shock protection

Stud terminals in the ST 4000 series offer an ideal cover for every version. The polycarbonate cover is placed between the partition plates and fastened to the stud with the plastic-coated fixing nut.

Fixing nuts are available to fit every stud size.

Potential distribution

When two neighbouring ST 4000 terminals have the same current, cross-connectors are fitted instead of the busbar.

The pairs of holes in the cross-connection are rated exactly to the spacing of ST 4000.

Here the partition plate has to be replaced by the connecting piece ST 4000/S C130 or ST 4000/L C160.

Cross-connections are available as 2-, 3-, or 4-poles.

Connection

Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. Tighten the steel hexagonal nut to ensure good contact between cable lug and busbar.

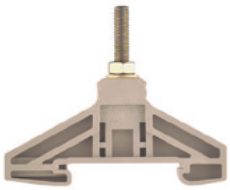
The same principle applies when two cable lugs contact on one stud or slotted hole cable lugs are used.

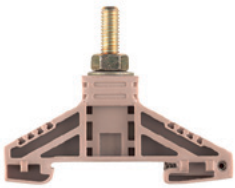
Slotted hole cable lugs can also be placed over both studs.

WF-series

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WF 5	WF 6
		16 mm²	35 mm²
		Screw thread M5	Screw thread M6
Width/Length/Height of lowest version	mm	13 x 67 x 56	17.8 x 67 x 56
max. current / max. cond. cross-section	A	**76 / 16**	**125 / 35**
Max. clamping range	mm²	**0.1...16**	**2.5...35**





Technical data

Rated data with Wemid partition wall		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	1000	1000 (C)	1000 (C)	1000	1000 (C)	1000 (C)
Rated current	A	76	85 (C)	85 (C)	125	115 (C)	150 (C)
Rated cross-section	mm²	16	AWG 10...4	AWG 10...4	35	AWG 14...2	AWG 14...2
Rated impulse withstand voltage / Pollution severity		8 kV / 3			8 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		/ V-0			/ V-0		
Approvals							
Clamped cable lugs							
Cable lug to DIN 46234		0.1...16 mm²			2.5...35 mm²		
2 x cable lugs DIN 46 234		0.1...16 mm²			2.5...35 mm²		
Cable lug to DIN 46235		6...10 mm²			6...25 mm²		
2 x cable lugs DIN 46 235		6...10 mm²			6...25 mm²		
Tightening torque range		2...4 Nm			3...6 Nm		
Note							

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WF 5	25	**1790130000**	WF 6	25	**1780850000**
Note	1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.			1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

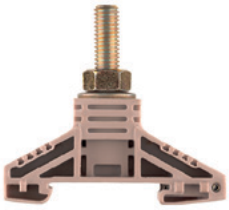
Accessories

Cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQL 2 WF5	101 A	5	**1812710000**	WQL 2 WF6	125 A	5	**1780970000**
3-pole	WQL 3 WF5		5	**1812740000**	WQL 3 WF6	125 A	5	**1780980000**
4-pole								
Partition plate		**Width**				**Width**		
Dark beige Wemid	WTW WF6-WF12	2.5 mm	20	**1781240000**	WTW WF6	3 mm	20	**1781220000**
Beige epoxy resin	WTW WF6 2300	3 mm	20	**1781230000**	WTW WF6 2300	3 mm	20	**1781230000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Hood transparent								
Hood transparent	ADP WF6/WF8		1	**1780930000**	ADP WF6/WF8		1	**1780930000**
Holder for shrouding cover transparent								
Holder for shrouding cover transparent	HA ADP WF6/WF10	2.2 mm	10	**1781050000**	HA ADP WF6/WF10	2.2 mm	10	**1781050000**

Identification systems	(see assortment in catalogue 7)		
Marking tags		WS 12/5	WS 10/6
Note		With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

WF 8 — 50 mm²

Screw thread M8



22.8 x 67 x 65
150 / 50
2.5...50

IEC	UL	CSA
1000	1000 (C)	1000 (C)
150	150 (C)	200 (C)
50	AWG 14...0	AWG 14...0
8 kV / 3		
/ V-0		
2.5...50 mm²		
2.5...50 mm²		
6...35 mm²		
6...35 mm²		
6...12 Nm		

The WQL 2 for WF 6 on the WF 8 is available under Order no. 1808980000.

Type	Qty.	Order No.
WF 8	25	1780860000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

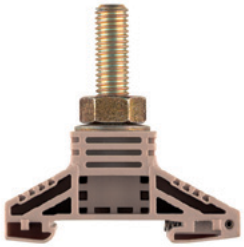
Type	current	Qty.	Order No.
WQL 2 WF8	150 A	5	1780990000
WQL 3 WF8	150 A	5	1781000000
	Width		
WTW WF8	3 mm	20	1780900000
WTW WF8 2300	3 mm	20	1780910000
WEW 35/2	8 mm	100	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10	2.2 mm	10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

WF 10 — 120 mm²

Screw thread M10



33.8 x 67 x 74
269 / 120
6...120

IEC	UL	CSA
1000	1000 (C)	1000 (C)
269	255 (C)	320 (C)
120	AWG 10...250	AWG 10...250
8 kV / 3		
/ V-0		
6...120 mm²		
6...120 mm²		
10...95 mm²		
10...95 mm²		
10...20 Nm		

The WQL 2 for WF 6 on the WF 10 is available under Order no. 1806620000.

Type	Qty.	Order No.
WF 10	20	1780870000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

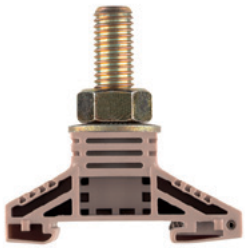
Type	current	Qty.	Order No.
WQL 2 WF10	265 A	5	1781010000
WQL 3 WF10	265 A	5	1781020000
WQL 4 WF10		5	1027840000
	Width		
WTW WF10/WF12	3 mm	20	1780890000
WTW WF10/WF12 2300	3 mm	20	1780920000
WEW 35/2	8 mm	100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10	2.2 mm	10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

WF 12 — 120 mm²

Screw thread M12



33.8 x 67 x 72
269 / 120
6...120

IEC	UL	CSA
1000	1000 (C)	1000 (C)
269	255 (C)	320 (C)
120	AWG 10...250	AWG 10...250
8 kV / 3		
/ V-0		
6...120 mm²		
6...120 mm²		
10...95 mm²		
10...95 mm²		
14...31 Nm		

Type	Qty.	Order No.
WF 12	20	1780880000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

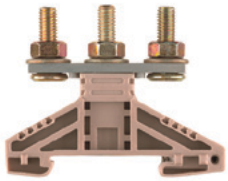
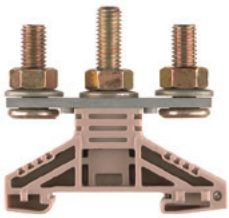
Type	current	Qty.	Order No.
WQL 2 WF12	265 A	5	1781030000
WQL 3 WF12	265 A	5	1781040000
	Width		
WTW WF10/WF12	3 mm	20	1780890000
WTW WF10/WF12 2300	3 mm	20	1780920000
WEW 35/2	8 mm	100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10	2.2 mm	10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

WF 2BZ

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WF 6/2BZ 35 mm²	WF 8/2BZ 50 mm²
		Screw thread M6	Screw thread M8
			
Width/Length/Height of lowest version	mm	17.8 x 67 x 56	22.8 x 67 x 65
max. current / max. cond. cross-section	A/mm²	**125 / 35**	**150 / 50**
Max. clamping range	mm²	**2.5...35**	**2.5...50**

Technical data

Rated data with Wemid partition wall		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	1000	1000 (C)		1000	1000 (C)	
Rated current	A	125	115 (C)		150	150 (C)	
Rated cross-section	mm²	35	AWG 14...2		50	AWG 14...0	
Rated impulse withstand voltage / Pollution severity			8 kV / 3			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0			/ V-0	
Approvals							
Clamped cable lugs							
Cable lug to DIN 46234		2.5...35 mm²			2.5...50 mm²		
2 x cable lugs DIN 46 234		2.5...35 mm²			2.5...50 mm²		
Cable lug to DIN 46235		6...25 mm²			6...35 mm²		
2 x cable lugs DIN 46 235		6...25 mm²			6...35 mm²		
Tightening torque range		3...6 Nm			6...12 Nm		
Note							

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WF 6/2BZ	25	**1789770000**	WF 8/2BZ	25	**1789780000**
Note	1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.			1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

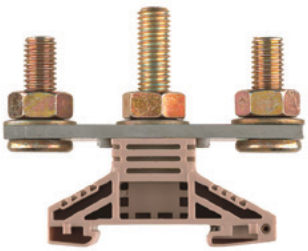
Accessories

Cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQL 2 WF6	125 A	5	**1780970000**	WQL 2 WF8	150 A	5	**1780990000**
3-pole	WQL 3 WF6	125 A	5	**1780980000**	WQL 3 WF8	150 A	5	**1781000000**
Partition plate		**Width**				**Width**		
Dark beige Wemid	WTW WF10/WF12	3 mm	20	**1780890000**	WTW WF10/WF12	3 mm	20	**1780890000**
Beige epoxy resin	WTW WF6 2300	3 mm	20	**1781230000**	WTW WF8 2300	3 mm	20	**1780910000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Hood transparent								
Hood transparent	ADP WF10/WF12		1	**1780940000**	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover transparent								
Holder for shrouding cover transparent	HA ADP WF6/WF10	2.2 mm	10	**1781050000**	HA ADP WF6/WF10	2.2 mm	10	**1781050000**

Identification systems	(see assortment in catalogue 7)		
Marking tags		WS 12/5	WS 12/5
Note		With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

WF 10/2BZ — 120 mm²

Screw thread M10



33.8 x 87.6 x 74
269 / 120
6...120

IEC	UL	CSA
1000	1000 (C)	
269	255 (C)	
120	AWG 10...250	
	8 kV / 3	
	/ V-0	
6...120 mm²		
6...120 mm²		
10...95 mm²		
10...95 mm²		
10...20 Nm		

Type	Qty.	Order No.
WF 10/2BZ	20	1789790000

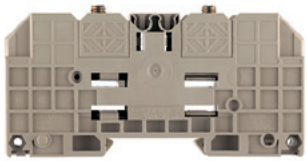
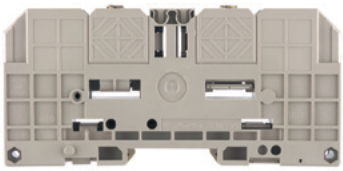
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WF10	265 A	5	1781010000
WQL 3 WF10	265 A	5	1781020000
	Width		
WTW WF10/WF12	3 mm	20	1780890000
WTW WF10/WF12 2300	3 mm	20	1780920000
WEW 35/2	8 mm	100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10	2.2 mm	10	1781050000

With WTW...2300 made from epoxy resin, rated current 1500 V up to 70 mm² according to prelim. EN 50124 pt 1.

WFF series

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		WFF 35	WFF 70
		35 mm²	70 mm²
		Screw thread M6	Screw thread M8
			
Width/Length/Height of lowest version	mm	27 x 107 x 59.5	32 x 132 x 69.5
max. current / max. cond. cross-section	A/mm²	**150 / 50**	**232 / 95**
Max. clamping range	mm²	**2.5...50**	**2.5...95**

Technical data

Rated data with Wemid partition wall		WFF 35				WFF 70			
		Ex e II			II 2 G D	Ex e II			II 2 G D
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000 (C)	600 (C)	1100	1000	1000 (C)	600 (C)	1100
Rated current	A	125	115 (C)	130 (C)	109	192	175 (C)	170 (C)	167
Rated cross-section	mm²	35	AWG 14...2	AWG 14...2	35	70	AWG 14...00	AWG 14...00	70
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94		/ V-0				/ V-0			
Approvals		KEMA 98ATEX1684 U				KEMA 98ATEX1684 U			
Clamped cable lugs									
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234		2.5...50 mm² /				2.5...95 mm² /			
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235		6...25 mm² /				16...70 mm² /			
Tightening torque, min.		3				6			
Note						When connecting cable lugs (in accordance with DIN 46234) with 70 and 95 mm², the rated voltage is reduced to 800 V.			

Ordering data

Version	WFF 35 Type	Qty.	Order No.	WFF 70 Type	Qty.	Order No.
Dark beige Wemid	WFF 35	10	1028300000	WFF 70	10	1028400000
Dark beige Wemid	WFF 35/AH	5	1029300000	WFF 70/AH	5	1029400000
Blue Wemid	WFF 35 BL	10	1028380000	WFF 70 BL	10	1028480000
Note	1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.			1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

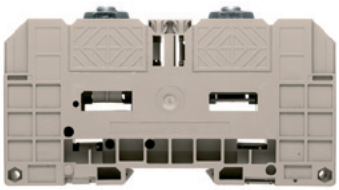
Accessories

Cross-connection	WFF 35 Type	current	Qty.	Order No.	WFF 70 Type	current	Qty.	Order No.
2-pole	WQL 2 WFF35	150 A	5	1064900000	WQL 2 WFF70	232 A	5	1065000000
3-pole	WQL 3 WFF35	150 A	5	1065400000	WQL 3 WFF70	232 A	5	1065500000
Partition plate		**Width**				**Width**		
Dark beige Wemid	WTW WFF35	2 mm	10	1067100000	WTW WFF70	2 mm	10	1067200000
End bracket								
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000	WEW 35/1	12 mm	50	1059000000
Hood								
Hood, dark beige Wemid	WAH 35	26 mm	20	1064460000	WAH 70 BE	31 mm	20	1064560000
Warning triangle for power supply terminals								
	WD 1 25 K KARTE A 6 ST		5	1563900000	WD 1 25 K KARTE A 6 ST		5	1563900000

Identification systems (see assortment in catalogue 7)	WFF 35	WFF 70
Marking tags	WS 12/6,5	WS 12/6,5
Note	WAH 35 in blue, Order no. 1064480000	WAH 70 in blue, Order no. 1064580000

WFF 120 — 120 mm²

Screw thread M10



38 x 229.5 x 88.5
41 / 150
6...150

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	1000 (C)	600 (C)	275
32	310 (C)	310 (C)	21
4	AWG 10...250	AWG 10...250	4
6 kV / 3			
/ V-0			
			KEMA 98ATEX1684 U

6...150 mm² /
16...150 mm² /
10

Type	Qty.	Order No.
WFF 120	5	1028500000
WFF 120/AH	4	1029500000
WFF 120 BL	5	1028580000

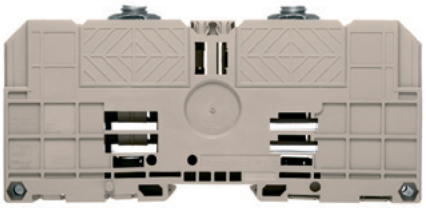
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WFF120	309 A	5	1065100000
WQL 3 WFF120	309 A	5	1065600000
	Width		
WTW WFF120	2 mm	10	1067300000
WEW 35/1	12 mm	50	1059000000
WAH 120	41 mm	20	1064660000
WD 1 25 K KARTE A 6 ST		5	1563900000

WS 12/6,5
WAH 120 in blue, Order no. 1064650000

WFF 185 — 185 mm²

Screw thread M12



55 x 163 x 87
415 / 240
10...240

Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
353	380 (C)	360 (C)	307
185	AWG 8...500	AWG 8...500	185
8 kV / 3			
/ V-0			
			KEMA 98ATEX1684 U

10...240 mm² /
25...240 mm² /
14

Type	Qty.	Order No.
WFF 185	4	1028600000
WFF 185/AH	2	1029600000
WFF 185 BL	4	1028680000

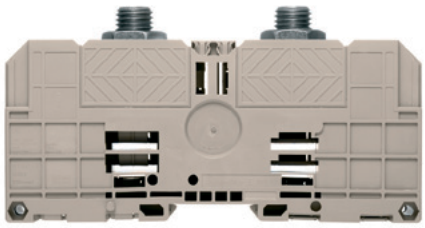
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WFF185	415 A	5	1065200000
WQL 3 WFF185	415 A	5	1065700000
	Width		
WTW WFF185/300	2 mm	10	1067400000
WEW 35/1	12 mm	50	1059000000
WAH 185/300 BE	54 mm	10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000

WS 12/6,5
WAH 185/300 in blue, Order no. 1064780000

WFF 300 — 300 mm²

Screw thread M16



55 x 163 x 94
520 / 300
25...300

Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
520	500 (C)	510 (C)	452
300	AWG 6...600	AWG 6...600	300
8 kV / 3			
/ V-0			
			KEMA 98ATEX1684 U

25...240 mm² /
50...300 mm² /
25

Type	Qty.	Order No.
WFF 300	4	1028700000
WFF 300/AH	2	1029700000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WFF300	520 A	5	1065300000
WQL 3 WFF300	520 A	5	1065800000
	Width		
WTW WFF185/300	2 mm	10	1067400000
WEW 35/1	12 mm	50	1059000000
WAH 185/300 BE	54 mm	10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000

WS 12/6,5
WAH 185/300 in blue, Order no. 1064780000

Accessories for stud terminals

Potential distribution

The power distribution between neighbouring stud terminals can be achieved simply with the use of 2- and 3-pole cross-connections (see the section under stud terminals). However, a cross-section reduction is required in special cases. These so-called cross-connection lugs are available for thread sizes from M6 to M10 and can be combined as required. This is helpful for power supplies and power distribution, for example.

WQL

Special cross-connection lugs

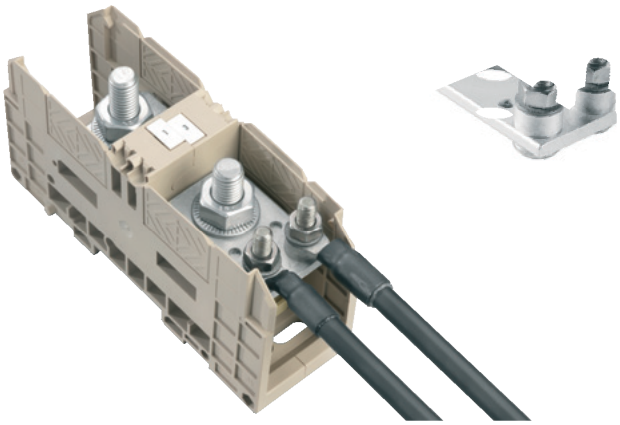
WQL 2 WF 6–10

WQL 3 WF 6–10/2

WQL 2 WF 6/8

Type	Current [A]	Qty.	Order No.	Primary stud connection [M...]	Neighbouring stud connection [M...]
WQL 2 WF 6-10 t = 4 mm	125	5	1806620000	WF 6 = 1 pole M 6	1 x WF 10 = 1 pole M 10
WQL 3 WF 6-10/2 t = 4 mm	125	5	1806640000	WF 6 = 1 pole M 6	2 x WF 10 = 2 poles M 10
WQL 2 WF 6/8 t = 4 mm	125	5	1808980000	WF 6 = 1 pole M 6	1 x WF 8 = 1 pole M 8
WQL 4 WF 8-6/3 t = 4 mm	125	5	1904960000	WF 8 = 1 pole M 8	3 x WF 6 = 3 poles M 6

Potential distribution from stud terminals M10 to 2 x M6



Type	Qty.	Order No.
SMSE WF10/2xM6	10	1868880000

Hole diameter: 10 mm for M10 bolts
Stud terminals: WF 10... and WFF 120
The nominal current depends on the test assembly.

WF

Cross-connections

	Type	Current	Qty.	Order No.
WF 5				
2-pole	WQL WF5	101 A	5	1812710000
3-pole	WQL WF5	101 A	5	1812740000
WF 6				
2-pole	WQL 2 WF6	125 A	5	1780970000
3-pole	WQL 3 WF6	125 A	5	1780980000
WF 8				
2-pole	WQL 2 WF8	150 A	5	1780990000
3-pole	WQL 3 WF8	150 A	5	1781000000
WF 10				
2-pole	WQL 2 WF10	265 A	5	1781010000
3-pole	WQL 3 WF10	265 A	5	1781020000
4-pole	WQL 4 WF10	265 A	5	1027840000
WF 12				
2-pole	WQL 2 WF12	265 A	5	1781030000
3-pole	WQL 3 WF12	265 A	5	1781040000
WF 6/2BZ				
2-pole	WQL 2 WF6	125 A	5	1780970000
3-pole	WQL 3 WF6	125 A	5	1780980000
WF 8/2BZ				
2-pole	WQL 2 WF8	150 A	5	1780990000
3-pole	WQL 3 WF8	150 A	5	1781000000
WF 10/2BZ				
2-pole	WQL 2 WF10	265 A	5	1781010000
3-pole	WQL 3 WF10	265 A	5	1781020000
WFF 35				
2-pole	WQL 2 WFF35	150 A	5	1064900000
3-pole	WQL 3 WFF35	150 A	5	1065400000
WFF 70				
2-pole	WQL 2 WFF70	232 A	5	1065000000
3-pole	WQL 3 WFF70	232 A	5	1065500000
WFF 120				
2-pole	WQL 2 WFF120	309 A	5	1065100000
3-pole	WQL 3 WFF120	309 A	5	1065600000
WFF 185				
2-pole	WQL 2 WFF185	415 A	5	1065200000
3-pole	WQL 3 WFF185	415 A	5	1065700000
WFF 300				
2-pole	WQL 2 WFF300	520 A	5	1065300000
3-pole	WQL 3 WFF300	520 A	5	1065800000

WF-series partitions

Type	Colour	Width	Qty.	Order No.
WTW WF6-WF12	dark beige Wemid	2.5 mm	20	1781240000
WTW WF6	dark beige Wemid	2 mm	20	1781220000
WTW WF8	dark beige Wemid	2 mm	20	1780900000
WTW WF10/WF12	dark beige Wemid	2 mm	20	1780890000

WFF-series partitions

Type	Width	Qty.	Order No.
WTW WFF35	2 mm	10	1067100000
WTW WFF70	2 mm	10	1067200000
WTW WFF120	2 mm	10	1067300000
WTW WFF185/300	2 mm	10	1067400000

Hood, transparent

Type	Colour	Qty.	Order No.
WAH 35	dark beige Wemid	20	1064460000
WAH 70 BE	dark beige Wemid	20	1064560000
WAH 120	dark beige Wemid	20	1064660000
WAH 185/300 BE	dark beige Wemid	10	1064760000

WF-series 2300 V partitions

Type	Colour	Width	Qty.	Order No.
WTW WF6 2300	beige, Epoxy resin	2 mm	20	1781230000
WTW WF8 2300	beige, Epoxy resin	2 mm	20	1780910000
WTW WF10/WF12 2300	beige, Epoxy resin	2 mm	20	1780920000

Warning triangle for power supply terminals

Type	Qty.	Order No.
WD 1 25 K KARTE A 6	5	1563900000

Twin stud terminals – ST 4000

ST 4000 (up to 4 kV)

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		ST 4000/S M8 — 120 mm²	ST 4000/S M10 — 120 mm²
		Screw thread M8	Screw thread M10
Width/Length/Height of lowest version	mm	40 x 150 x 84	40 x 150 x 84
max. current / max. cond. cross-section	A/mm²	**269 /**	**269 /**
Max. clamping range	mm²		**...**

Technical data

Rated data with Wemid partition wall		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	4000			4000		
Rated current	A	269			269		
Rated cross-section	mm²	120			120		
Rated impulse withstand voltage / Pollution severity		30 kV / 3			30 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		/ V-0			/ V-0		
Approvals							
Clamped cable lugs							
Cable lug to DIN 46234		1.5 - 120 mm²			4 - 120 mm²		
2 x cable lugs DIN 46 234							
Cable lug to DIN 46235		16...70 mm²					
2 x cable lugs DIN 46 235							
Tightening torque range		6...12 Nm			10...20 Nm		
Note		Rated voltage when using cable lugs according to DIN 46234			Rated voltage when using cable lugs according to DIN 46234		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
red	ST 4000/S M8	25	**1809110000**	ST 4000/S M10	25	**1809130000**
with internal thread	ST 4000/S M8 F	25	**1809120000**	ST 4000/S M10 F	25	**1809140000**
Note	Weidmüller creates drawings according to the customer specified ST 4000 application.			Weidmüller creates drawings according to the customer specified ST 4000 application.		

Accessories

Cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ST 4000/S J2 M8		100	**1809310000**	ST 4000/S J2 M10		100	**1809340000**
3-pole	ST 4000/S J3 M8		50	**1809320000**	ST 4000/S J3 M10		50	**1809350000**
4-pole					ST 4000/S J4 M10		25	**1809360000**
Busbar		**Width**				**Width**		
M8 / 4 mm thick	ST 4000/S CB M8/4		100	**1809250000**				
M10 / 4 mm thick					ST 4000/S CB M10/4		100	**1809260000**
M10 / 6 mm thick					ST 4000/S CB M10/6		100	**1809270000**
M12 / 4 mm thick								
M12 / 6 mm thick								
Connecting piece								
130 mm length	ST 4000/S C130		50	**1809230000**	ST 4000/S C130		50	**1809230000**
160 mm length								
Partition plate								
150 mm length	ST 4000/S P150	10 mm	50	**1809190000**	ST 4000/S P150	10 mm	50	**1809190000**
180 mm length								
End partition								
150 mm length	ST 4000/S E150	10 mm	50	**1809210000**	ST 4000/S E150	10 mm	50	**1809210000**
180 mm length								
Touch-safe protection								
150 mm length	ST 4000/S S150		20	**1809470000**	ST 4000/S S150		20	**1809470000**
180 mm length								
(see assortment in catalogue 7)								
Note								

ST 4000/L M10 — 150 mm²

Screw thread M10

55 x 180 x 90

309 /

...

IEC	UL	CSA
4000		
309		
150		
	29.5 kV / 3	
	/ V-0	
10 - 150 mm²		
25 - 150 mm²		
10...20 Nm		

Rated voltage when using cable lugs according to DIN 46234

Type	Qty.	Order No.
ST 4000/L M10	15	1809150000
ST 4000/L M10 F	15	1809160000

Weidmüller creates drawings according to the customer specified ST 4000 application.

Type	current	Qty.	Order No.
ST 4000/L J2 M10		50	1809370000
ST 4000/L J4 M10		25	1809390000
	Width		
ST 4000/L CB M10/4		100	1809280000
ST 4000/L C160		50	1809240000
ST 4000/L P180	10 mm	50	1809200000
ST 4000/L E180	10 mm	50	1809220000
ST 4000/L S180		1	1809480000

ST 4000/L M12 — 240 mm²

Screw thread M12

55 x 180 x 90

415 /

...

IEC	UL	CSA
4000		
415		
240		
	29.5 kV / 3	
	/ V-0	
10...240 mm²		
25...240 mm²		
14...31 Nm		

Rated voltage when using cable lugs according to DIN 46234

Type	Qty.	Order No.
ST 4000/L M12	15	1809170000
ST 4000/L M12 F	15	1809180000

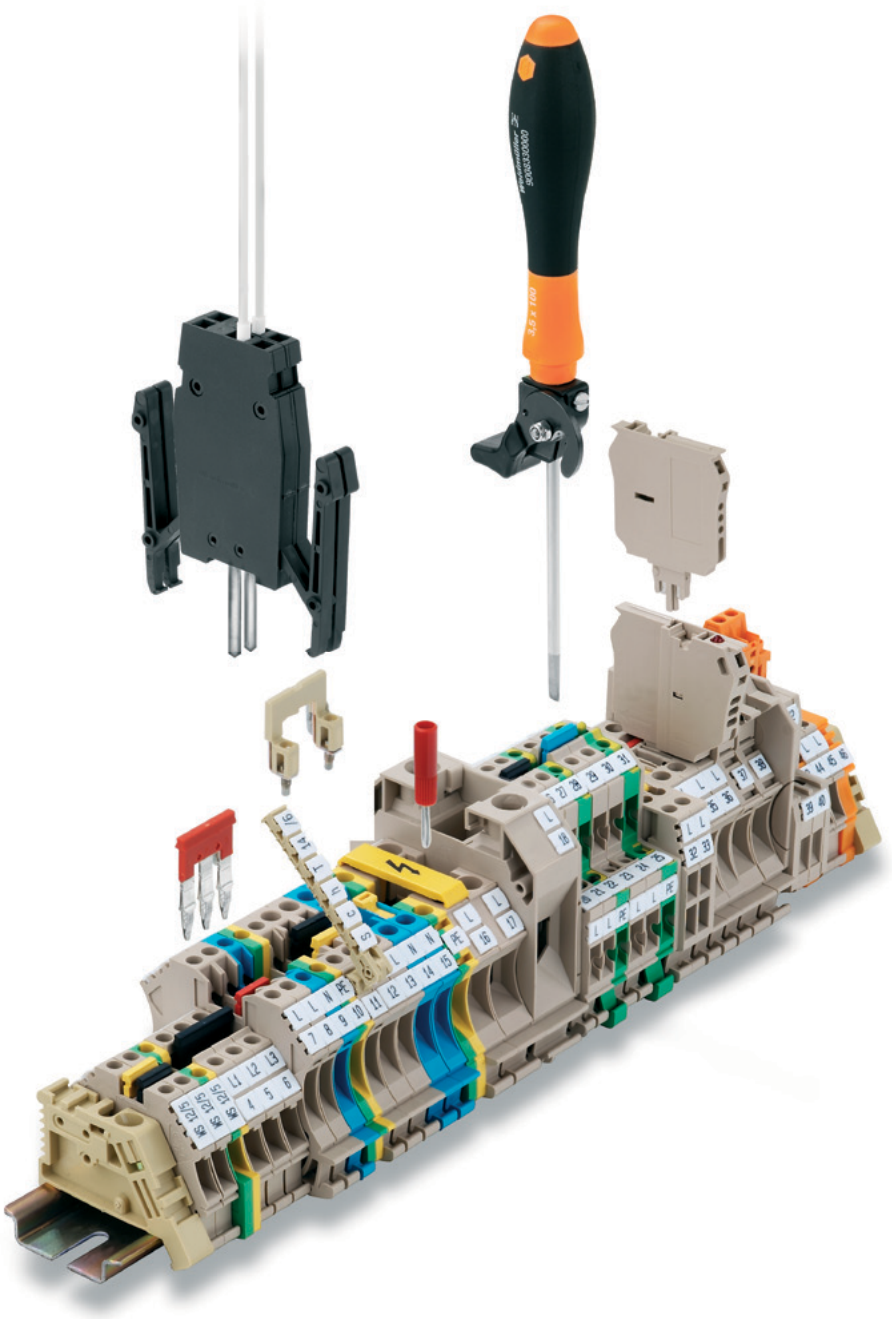
Weidmüller creates drawings according to the customer specified ST 4000 application.

Type	current	Qty.	Order No.
ST 4000/L J2 M12		50	1809400000
ST 4000/L J3 M12		50	1809410000
ST 4000/L J4 M12		25	1809420000
	Width		
ST 4000/L CB M12/4		100	1809290000
ST 4000/L CB M12/6		100	1809300000
ST 4000/L C160		50	1809240000
ST 4000/L P180	10 mm	50	1809200000
ST 4000/L E180	10 mm	50	1809220000
ST 4000/L S180		1	1809480000

For assembly planning and accessories, please contact our customer-specific solutions division. Also see Chapter V – Weidmüller Solutions & Services.

Extra functions

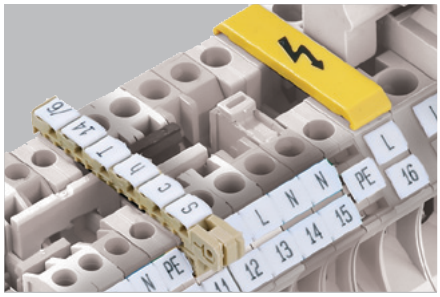
Weidmüller offers the user of W-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions.
All Weidmüller accessories are built to the same high quality standards as the terminals themselves.



Visual separation – Side covers
Page D.156

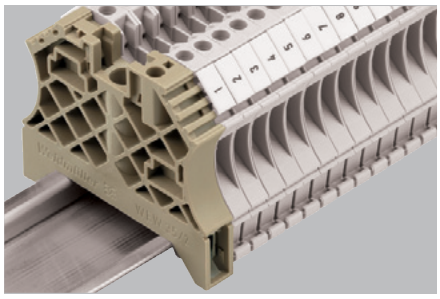
To guarantee "finger-safe" use of terminals, the open sides are covered with end plates and partition plates to prevent any contact with conducting parts.
End plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

Labelling Page D.176



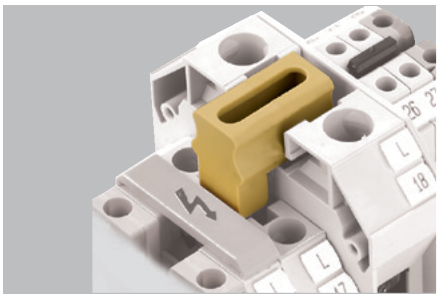
Weidmüller's labelling systems in **chapter F** are used to label screw terminals.
Individual clamping points, terminal groups and conductors can be marked. The cover (WAD) can also be used for labelling mains supply points (see page **D.168**)

Fastening Chapter F



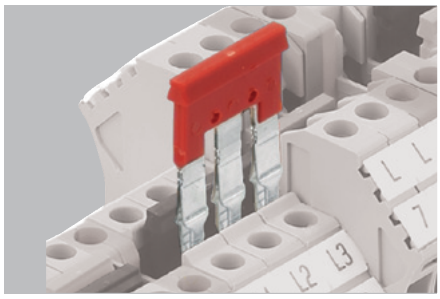
An end bracket is fitted on the terminal rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter F**.

Power supply Page D.160



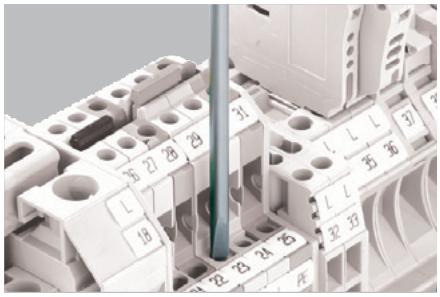
For the W-Series, power is supplied via standard terminals in conjunction with a special cross-connection, which directly connects terminals for larger and smaller cross-sections (the picture shows WDU 35 on WDU 4).
It is possible to form a link to screw-in cross-connections of smaller cross-sections (WQV 2.5/4/6). This extends current distribution to any number of other terminals of the smaller cross-section.

Current distribution Page D.164



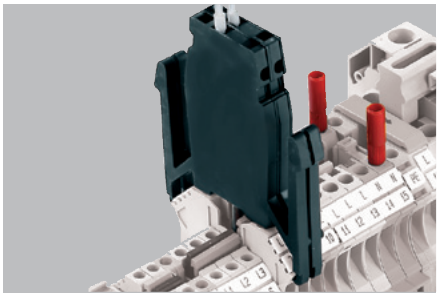
A screw-in and a plug-in cross-connection system is available for Weidmüller screw terminals. The plug-in **cross-connection (ZQV)** for screw terminals is unique. It enables considerable reductions in assembly times. The plug-in cross-connections can be used for nearly all W-Series terminals in the cross-section ranges 2.5 and 4 mm².

Connecting Chapter F



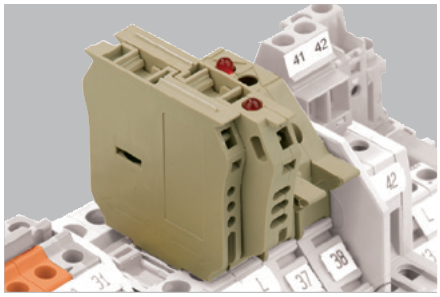
Conductors are connected into Weidmüller terminals using standard screwdrivers, as shown in **chapter F**,

Testing / checking Page D.173



The slot-in test adapter (WTA) is used as both a single unit and a test adapter strip for measurement in control cabinets.
The test adapter is ideal for convenient, rational testing of assembled terminals. However, tests with socket and test plugs are are also possible (Page D.173).

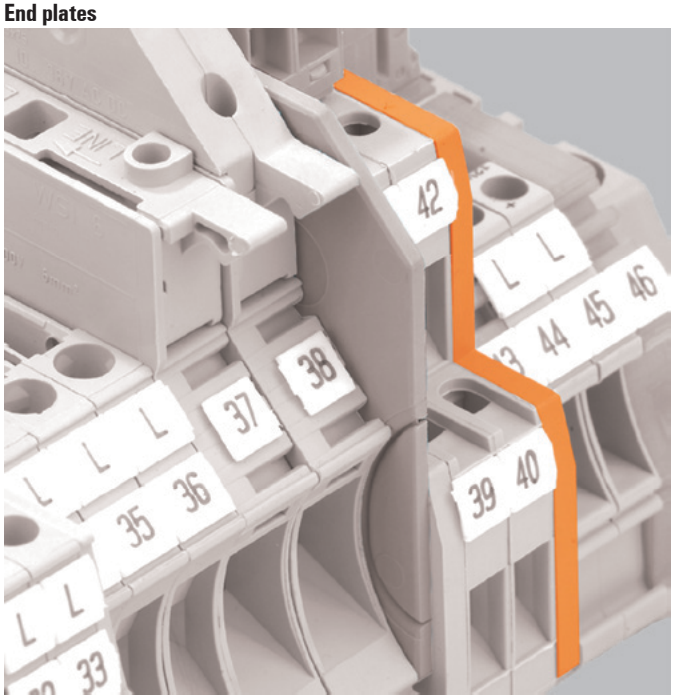
Specific functions / colour variations Page D.177



Further helpful accessories are available for terminals using screw clamp technology, such as:

- Pluggable fuse holder (SIHA 1 and SIHA 2)
- Screen plug (LS), short-cir. plug (WDS)
- Extension connectors (WZAD)
- PEN bridges
- Accessories for disconnect test terminals
- Terminals in various colours
- Pre-fitted **terminal blocks**

End plates



Touch protection

With only a few exceptions, the last terminal in a terminal strip must be closed off with a WAP/AP-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures the touch-safe requirement is met for live voltage components. The terminals are touch-safe (DIN EN 50274).

Optical separation

Coloured end plates are frequently used for distinguishing the circuits visually.

Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

Contour matching

The overall dimensions of the end plates match the external dimensions of the associated terminal.

Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours. All colour variations are classified according to UL94 V-0.

Ordering data

Type Width	Colour	Qty.	Order No.	For terminal:
WAP 2.5-10	dark beige	50	1050000000	WDU 1.5/ZZ
WAP 2.5-10 BL	blue/light blue	50	1050080000	WDU 1.5/ZZ BL
WAP 2.5-10 BR	brown	50	1050070000	WDU 10
WAP 2.5-10 GE	yellow	50	1050020000	WDU 10 BL
WAP 2.5-10 GN	green	50	1072200000	WDU 10 SL
WAP 2.5-10 GR	grey	50	1050050000	WDU 10 SL/EN
WAP 2.5-10 OR	orange	50	1050060000	WDU 10 SL/EN SW
WAP 2.5-10 RT	red	50	1050040000	WDU 2.5
WAP 2.5-10 SW	black	50	1050010000	WDU 2.5 BL
WAP 2.5-10 VI	violet	50	1072210000	WDU 2.5 F 2X2.8
WAP 2.5-10 WS	white	50	1050090000	WDU 2.5 FF 2*2.8
WAP 2.5-10/0.5 mm	transparent	50	1966380000	WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 2.5/TC Type B
				WDU 2.5/TC Type E
				WDU 2.5/TC Type J
				WDU 2.5/TC Type K
				WDU 2.5/TC Type N
				WDU 2.5/TC Type SR
				WDU 2.5/TC Type T
				WDU 4
				WDU 4 BL
				WDU 4 SL
				WDU 4 SL/EN
				WDU 4 SL/EN SW
				WDU 6
				WDU 6 BL
				WDU 6 SL
				WDU 6 SL/EN
				WDU 6 SL/EN SW
				WDUL 4 100R/0.75W POTI
				WDUL 4 10K/0,75W POTI
				WDUL 4 10R/0,75W POTI
				WDUL 4 1K/0,75W POTI
				WDUL 4 500K/0,1W POTI
				WDUL 4 500R/0,75W POTI
				WDUL 4 50K/0,75W POTI
				WDUL 4 5K/0,75W
				WDUL 4 OHNE POTI
				WNT 10 10X3
				WNT 10 10X3 BE
				WNT 2.5 10X3
				WNT 2.5 10X3 BE
				WNT 4 10X3
				WNT 4 10X3 BE
				WNT 6 10X3
				WNT 6 10X3 BE
				WPE 1.5/ZZ
				WPE 10
				WPE 2.5

Ordering data

Type	Colour	Qty.	Order No.	For terminal:
Width				
WAP 16+35 WTW 2.5-10	dark beige	20	1050100000	WDK 2.5 / 800V
WAP 16+35 WTW 2.5-10 BL	blue/light blue	20	1050180000	WDK 2.5 FF
WAP 16+35 WTW 2.5-10 OR	orange	20	1050160000	WDU 1.5/ZZ
				WDU 1.5/ZZ BL
				WDU 10
				WDU 10 BL
				WDU 10 SL
				WDU 10 SL/EN
				WDU 10 SL/EN SW
				WDU 10/ZR
				WDU 10/ZR BL
				WDU 16/ZA
				WDU 16/ZA BL
				WDU 2.5
				WDU 2.5 BL
				WDU 2.5 F 2X2.8
				WDU 2.5 FF 2X2.8
				WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 2.5/TC Type B
				WDU 2.5/TC Type E
				WDU 2.5/TC Type J
				WDU 2.5/TC Type K
				WDU 2.5/TC Type N
				WDU 2.5/TC Type SR
				WDU 2.5/TC Type T
				WDU 2.5N/600 UL
				WDU 35/IK/ZA
				WDU 4
				WDU 4 BL
				WDU 4 SL
				WDU 4 SL/EN
				WDU 4 SL/EN SW
				WDU 6
				WDU 6 BL
				WDU 6 SL
				WDU 6 SL/EN
				WDU 6 SL/EN SW
				WDUL 4 100R/0.75W POTI
				WDUL 4 10K/0,75W POTI
				WDUL 4 10R/0,75W POTI
				WDUL 4 1K/0,75W POTI
				WDUL 4 500K/0,1W POTI
				WDUL 4 500R/0,75W POTI
				WDUL 4 50K/0,75W POTI
				WDUL 4 5K/0,75W
				WDUL 4 OHNE POTI
				WPE 1.5/ZZ
				WPE 10
				WSI 6
Width				
WAP WDK2.5	dark beige	20	1059100000	WDK 2.5
WAP WDK2.5 BL	blue/light blue	20	1059180000	WDK 2.5 DU-PE
WAP WDK2.5 GN	green	20	1059140000	WDK 2.5 F
				WDK 2.5 F BL
				WDK 2.5 FF
				WDK 2.5 FV
				WDK 2.5 LD GR 1R 24VDC
				WDK 2.5 LD GR 1R 24VDC
				WDK 2.5 LD ROT 1R 24VDC
				WDK 2.5 LD ROT 1R 24VDC
				WDK 2.5 PE
				WDK 2.5 / 800V
				WDK 2.5 ZQV
				WDK 2.5 ZQV BL
				WDK 2.5/D
				WDK 2.5V
				WDK 2.5V BL
				WDK 2.5 1D A.1
				WDK 2.5 1D A.2
				WDK 2.5 2D
				WDK 2.5 2D
				WDK 2.5 2D
				WDK 2.5 BL
				WDK 2.5 D

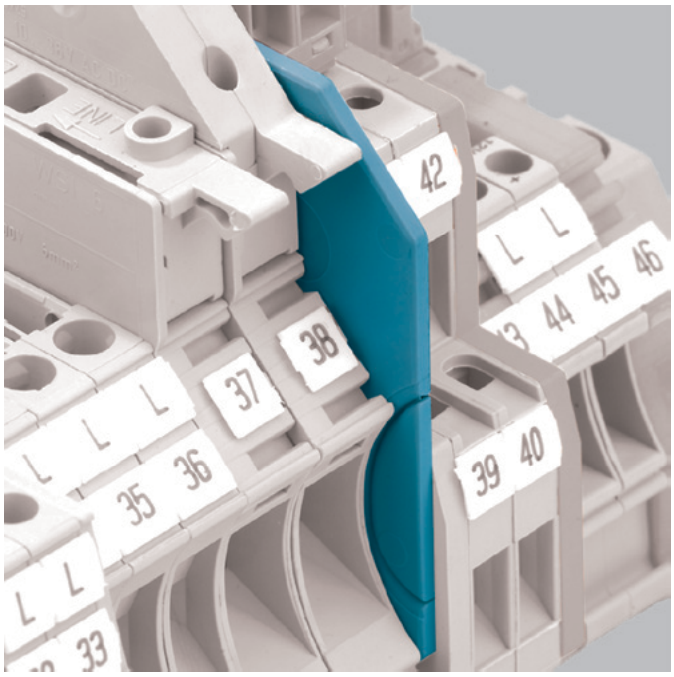
Ordering data

Type	Colour	Qty.	Order No.	For terminal:
Width				
WAP WTR2.5/ZZ	dark beige	20	1074600000	WTR 2.5/ZZ
WAP WTR2.5/ZZ BL	blue/light blue	20	1074680000	WTR 2.5/ZZ BL
WAP WDK2.5/BLZ/0.ZA LG	light grey	20	1112130000	
Width				
WAP WDU/WTR4/ZR	dark beige	50	1905070000	WDU 4/ZR
WAP WDU/WTR4/ZZ	dark beige	50	1905150000	WDU 4/ZZ
				WPE 4/ZR
				WPE 4/ZZ
				WTR 4/ZR
				WTR 4/ZR STB
				WTR 4/ZZ
				WTR 4/ZZ STB
Width				
WAP WDL2.5/S	dark beige	20	1067700000	WDL 2.5/S/L
				WDL 2.5/S/L/L
				WDL 2.5/S/L/L/PE
				WDL 2.5/S/N/L/PE
				WDL 2.5/S/NT/L/PE
Width				
WAP WDL2.5	beige	20	1067800000	WDL 2.5/L
				WDL 2.5/L/L
				WDL 2.5/L/L/PE
				WDL 2.5/N/L/PE
				WDL 2.5/NT/L/PE
Width				
WAP WDU1.5/BLZ	dark beige	50	1577330000	WDU 1.5/BLZ 5.08
WAP WDU1.5/BLZ/ZA	dark beige	50	1577320000	WDU 1.5/ZQV/BLZ 5.08
				WDU 2.5/BLZ/7.62
Width				
WAP WDK2.5/BLZ/M.ZA	blue	20	1070100000	WDK 2.5 BLZ/5.08/ZA
WAP WDK2.5/BLZ/0.ZA	dark beige	20	1070000000	WDK 2.5 BLZ/7.62/ZA
Width				
AP DLI2.5 DB	dark beige	20	1783550000	DLA 2.5 DB
				DLA 2.5/D DB
				DLA 2.5/LD-GN/D DB
				DLA 2.5/LD-RT DB
				DLI 2,5 DB
				DLI 2.5/LD-GN/NPN -+ DB
				DLI 2.5/LD-GN/PNP +- DB
				DLI 2.5/LD-RT/NPN -+ DB
				DLI 2.5/LD-RT/PNP +- DB
Width				
AP DLD2.5 DB	dark beige	20	1784210000	DLD 2.5 DB
AP DLD2.5/PE DB	dark beige	20	1783800000	DLD 2.5/PE DB
Width				
WAP WTL6/1	dark beige	20	1068300000	WTD 6/1 EN
				WTL 6/1 EN
				WTL 6/1 EN STB
				WTL 6/1/STB/TNSC/EN
				WTQ 6/1 EN
				WTQ 6/1 EN STB
Width				
ZAP/TW 1	dark beige	50	1608740000	WTL 4
ZAP/TW 1 BL	blue/light blue	50	1608750000	WTL 4/STB
ZAP/TW 1 GN	green	50	1683680000	
ZAP/TW 1 GR	grey	50	1683710000	
ZAP/TW 1 OR	orange	50	1608760000	
ZAP/TW 1 RT	red	50	1683660000	
Width				
WAP WDU1.5/R3.5	beige	20	1754190000	WDK 1.5/R3.5
				WDK 1.5/R3.5 BL
				WDU 1.5/R3.5
				WDU 1.5/R3.5 BL
				WPE 1.5/R3.5
Width				
WAP WDK1.5/R3.5	dark beige	20	1754200000	WDK 1.5/R3.5
				WDK 1.5/R3.5 BL
Width				
AP AKZ1.5	beige	50	0340560000	AKZ 1.5
AP AKZ1.5 BL	blue	50	0340580000	AKZ 1.5 BL
Width				
AP AKZ2.5	beige	50	0697360000	AKZ 2.5
AP AKZ2.5 BL	blue	50	0697380000	AKZ 2.5 BL

Ordering data

Type	Colour	Qty.	Order No.	For terminal:
Width				
ADL	beige	2	**0210800000**	AKZ 4
AP AKZ4 DB	beige	20	**9537910000**	AKZ 4 BL
AP 100 GR	grey	20	**1773410000**	
AP AKZ4	beige	20	**0294460000**	
AP AKZ4 BL	blue	20	**0294480000**	
AP AKZ4 KRG	dark beige/yellow	20	**0294420000**	
AP AKZ4 KRS	anthrazcite	20	**0294430000**	
Width				
WAP WDU2.5N/4N	dark beige	50	**1060000000**	WDU 2.5N
WAP WDU2.5N/4N BL	blue/light blue	50	**1060080000**	WDU 2.5N BL
WAP WDU2.5N/4N GE	yellow	50	**1060090000**	WDU 2.5N ZQV
WAP WDU2.5N/4N OR	orange	50	**1060060000**	WDU 2.5N ZQV BL
				WDU 4N
				WDU 4N BL
				WPE 2.5N
				WPE 4N
Width				
WAP WDK2.5/4 N	dark beige	20	**1084000000**	WDK 2.5N
WAP WDK2.5/4 N BL	orange	20	**1084080000**	WDK 4N V
				WDK 2.5N DU-PE
				WDK 2.5N PE
				WDK 2.5N V
				WDK 2.5N/BL
				WDK 4N
				WDK 4N BL
				WDK 4N DU-PE
				WDK 4N PE
Width				
WAP WTL6/3	beige	20	**1879910000**	WTL 6/3
Width				
WAP WTL 6 SL	beige	20	**9538110000**	WTD 6 SL
				WTD 6 SL/EN
				WTL 6 SL
				WTL 6 SL/EN
				WTL 6 SL/EN SW
Width				
WAP WTL4/2	beige	50	**1881640000**	WTL 4/2/STB
Width				
WAP WTL6/4FF	beige	20	**1887240000**	WTL 6/4FF
Width				
WAP WSI4/2	beige	50	**1880450000**	WSI 4
				WSI 4/LD 60-150V AC/DC
				WSI 4/2
				WSI 4/2/LD 10-36V AC/DC
				WSI 4/2/LD 140-250V AC/DC
				WSI 4/2/LD 30-70V AC/DC
				WSI 4/2/LD 60-150V AC/DC
				WSI 4/LD 10-36V AC/DC
				WSI 4/LD 140-250V AC/DC
				WSI 4/LD 30-70V AC/DC
Width				
AP VLI1.5 DB	dark beige	20	**1784150000**	VLI 1.5
AP VLI1.5/PE DB	dark beige	20	**1784160000**	VLI 1.5 DB
				VLI 1.5/PE
				VLI 1.5/PE DB
Width				
AP MAK2.5 DB	dark beige	20	**7917000000**	MAK 2.5
				MAK 2.5 DB
Width				
WAP WFF120	dark beige	20	**1073000000**	WFF 120
WAP WFF35	dark beige	20	**1069700000**	WFF 70/AH
WAP WFF70	dark beige	20	**1069800000**	WFF 120 BL
				WFF 120/3/B
				WFF 120/AH
				WFF 35
				WFF 35 BL
				WFF 35/AH
				WFF 70
				WFF 70 BL

Partition walls



Ensuring the operating voltage

The main function of the partitions is to maintain the clearance and creepage distances, as required by the operating voltage. This includes applications with higher security levels (ATEX) or neighbouring groups of cross-connections.
For this reason, the partitions are significantly larger than the corresponding terminals.

Optical separation

The partitions can be used to achieve a very clear separation of circuits on one terminal strip.

Dimensions

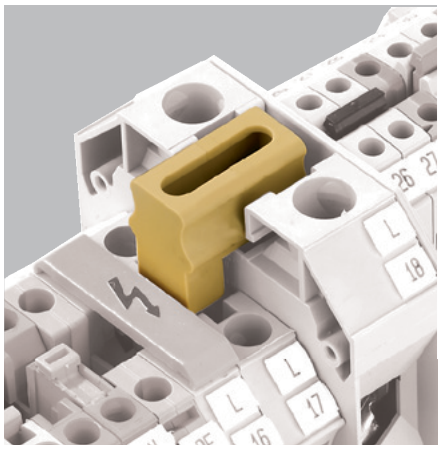
WAP 16+35 WTW 2.5-10
Length: 60 mm
Height with TS 35 x 7.5: 63 mm

WTW EN
Length: 86 mm
Height with TS 35 x 7.5: 63 mm

Ordering data

Type Width	Colour	Qty.	Order No.	For terminal:
WAP 16+35 WTW 2.5-10	dark beige	20	**1050100000**	WDK 2.5 / 800V
WAP 16+35 WTW 2.5-10 BL	blue/light blue	20	**1050180000**	WDK 2.5 FF
WAP 16+35 WTW 2.5-10 OR	orange	20	**1050160000**	WDU 1.5/ZZ
				WDU 1.5/ZZ BL
				WDU 10
				WDU 10 BL
				WDU 10 SL
				WDU 10 SL/EN
				WDU 10 SL/EN SW
				WDU 10/ZR
				WDU 10/ZR BL
				WDU 16/ZA
				WDU 16/ZA BL
				WDU 2.5
				WDU 2.5 BL
				WDU 2.5 F 2X2.8
				WDU 2.5 FF 2*2.8
				WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 2.5/TC Type B
				WDU 2.5/TC Type E
				WDU 2.5/TC Type J
				WDU 2.5/TC Type K
				WDU 2.5/TC Type N
				WDU 2.5/TC Type SR
				WDU 2.5/TC Type T
				WDU 2.5N/600 UL
				WDU 35/IK/ZA
				WDU 4
				WDU 4 BL
				WDU 4 SL
				WDU 4 SL/EN
				WDU 4 SL/EN SW
				WDU 6
				WDU 6 BL
				WDU 6 SL
				WDU 6 SL/EN
				WDU 6 SL/EN SW
				WDUL 4 100R/0.75W POTI
				WDUL 4 10K/0,75W POTI
				WDUL 4 10R/0,75W POTI
				WDUL 4 1K/0,75W POTI
				WDUL 4 500K/0,1W POTI
				WDUL 4 500R/0,75W POTI
				WDUL 4 50K/0,75W POTI
				WDUL 4 5K/0,75W
				WDUL 4 OHNE POTI
				WPE 1.5/ZZ
				WPE 10
				WSI 6
Width				
WTW EN	dark beige	20	**1058800000**	SAKS 2/35 DB
				WDK 2.5N DU-PE
				WDK 2.5N PE
				WDK 2.5N V
				WDK 2.5N/BL
				WDK 2.5V
				WDK 2.5V BL
				WDK 4N PE
				WDU 16N
				WDU 16N BL
				WDU 35N
				SAKS 4/35 DB
				WDU 35N BL
				WTD 6 SL
				WTD 6 SL/EN
				WTL 6 SL
				WTL 6 SL/EN
				WTL 6 SL/EN SW
				SAKS 5/35 DB
				WDK 2.5
				WDK 2.5 BL
				WDK 2.5 DU-PE
				WDK 2.5 ZQV
				WDK 2.5 ZQV BL
				WDK 2.5N

Potential supply with cross-section reduction



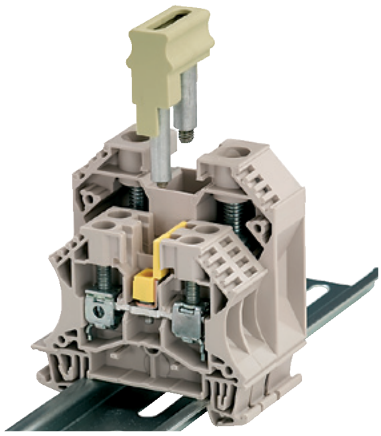
Feed-through terminals such as WDU 35 or WDU 16 are responsible for power supply in the W-Series. The current is routed by the cross-connections shown to terminals of a smaller cross-section (cross-section reduction). After cross-section reduction, the supply can then be distributed on to any number of terminals of this same cross-section, using standard cross-connectors.

Function

- Larger conductor cross-section can be used for power supply
- Central current supply and distribution to any number of circuits

Mounting

First, prepare the **standard cross-connection** that is to distribute the current to other terminals of smaller conductor cross-section. To do so, break off the plastic screwdriver guide at the first pole of the cross-connection by bending it back and forth at the intended break-off point, and remove the fixing screw. Then place the cross-connection in the middle of the terminal.



Now insert the **cross-connection for cross-section reduction** so that there is an overlap of the live parts of the first terminal of the smaller cross-section. Fasten with the screws in the cross-section reduction.

Important! The "QL" cross-section reductions are not finger-safe. This can be easily remedied by using the WAD covers for the corresponding terminals.

Potential supply with cross-section reduction

Power supply via

Output terminal

WDU 35

onto WDU 2.5

Technical data		to WDU 35	to WDU 2.5	
Continuous current 2-pole	A	41		
Thread size		M 4	M 2.5	
Tightening torque	Nm	1.2 ... 1.8	0.4 ... 0.7	
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	WQV 35-2.5	10	**1064100000**

WDU 35

onto WDU 10

to WDU 35	to WDU 10	
57		
M 4	M 3	
1.2 ... 1.8	0.5 ... 0.8	
Type	**Qty.**	**Order No.**
WQV 35-10	10	**1068000000**

Power supply via

Output terminal

WDU 16

WDU 2.5

Technical data		to WDU 16	to WDU 2.5	
Continuous current 2-pole	A	41		
Thread size		M 4	M 2.5	
Tightening torque	Nm	1.2 ... 1.8	0.4 ... 0.7	
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	WQV 16-2.5	10	**1063900000**

Power supply via

Output terminal

WDU 10

WDU 2.5

Technical data		to WDU 10	to WDU 2.5	
Continuous current 2-pole	A	24		
Thread size		M 3	M 2.5	
Tightening torque	Nm	0.5 ... 0.8	0.4 ... 0.7	
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	QL 10-2.5	10	**1859620000**
Note		not finger-safe		

Note:
Cross-section reducing cross-connectors may **not** be used in ATEX applications.

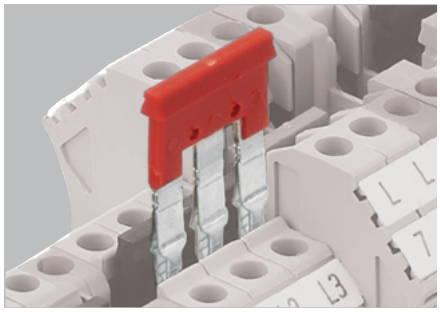
Potential supply with cross-section reduction

Power supply via	WDU 16N	WDU 16N	WDU 6
Output terminal	WDU 2.5	WDU 4 / WDU 6	WDU 2.5

Technical data		to WDU 16	to WDU 2.5		to WDU 16N	to WDU 4 / 6		to WDU 6	to WDU 2.5	
Continuous current 2-pole	A	24			41			24		
Thread size		M 3	M 2.5		M 3	M 3		M 3	M 2.5	
Tightening torque	Nm	0.5 ... 0.8	0.4 ... 0.7		0.5 ... 0.8	0.5 ... 0.8		0.5 ... 0.8	0.4 ... 0.7	
Ordering data		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	2-pole	WQV 16N-2.5	10	**1073100000**	WQV 16N-4/6	10	**1072500000**	Q WDU6-2.5 SET	10	**1859600000**
Note								not finger-safe		

Note:
Cross-section reducing cross-connectors may **not** be used in ATEX applications.

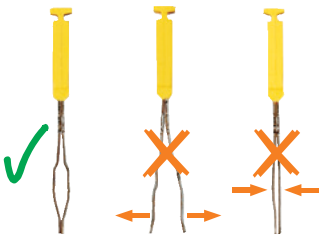
ZQV plug-in cross-connection



Weidmüller is the leading manufacturer of plug-in cross connection systems for screw clamp terminals. The plug-in cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions. This also ensures that all poles remain securely in contact.

Assembly / Technical information

- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connection must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.
- Finger-safe to VDE 0160 part 100 (VGB4)
- Reduced rated voltage 400 V
- Different colours can be used to mark different potential
- **Important!** The contact elements must not be deformed

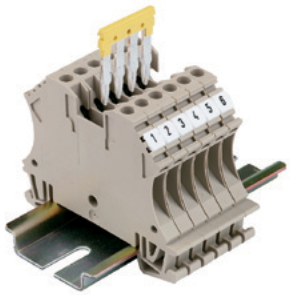


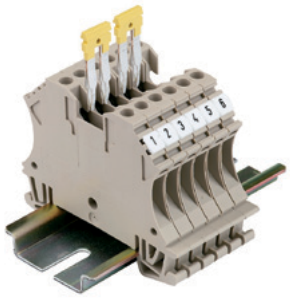
In one cross-connection channel

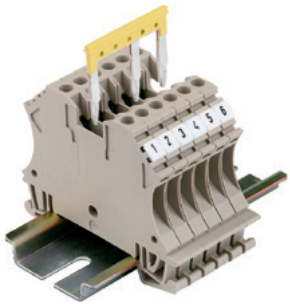
single

adjacent

bridging

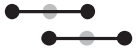




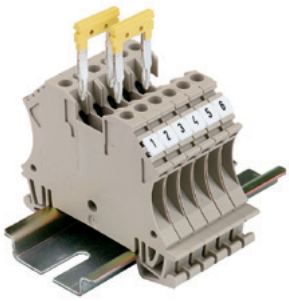


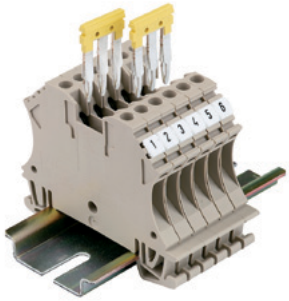
In two cross-connection channels

parallel/bridging



parallel/lengthening

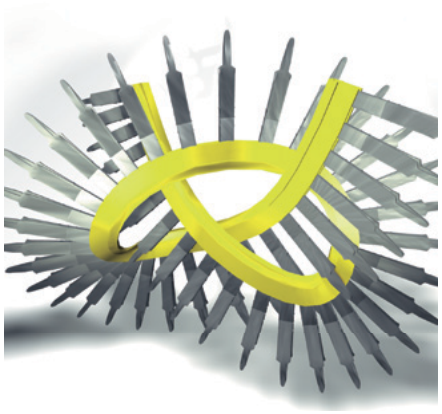


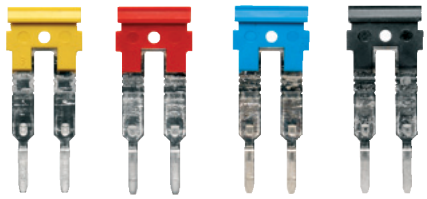


Possible cross-connections of terminals of the same type with corresponding cross-connectors

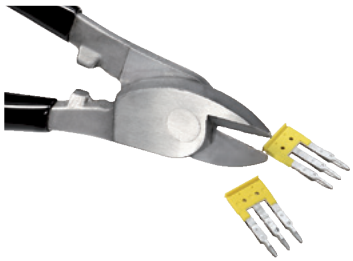
Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDK 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDU 2.5/1.5/ZR	ZQV 2.5N	•	•	•	•	•
WDU 2.5	ZQV 2.5N	•	•	•	•	•
WDK 2.5 ZQV	ZQV 2.5N	•	•	•		
WTR 2.5/ZZ	ZQV 2.5	•	•	•		
WDU 4	ZQV 4N	•	•	•	•	•
WTR 4...	ZQV 4N	•	•	•		
WDU/PE/4ZZ/ZR	ZQV 4N	•	•	•	•	•
WTR 4/ZZ/ZR	ZQV 4N	•	•	•		
Compact						
WDU 2.5N ZQV	ZQV 2.5N	•	•	•	•	•
WDK 2.5N...	ZQV 2.5N	•	•	•		
WDK 2.5N PE	ZQV 2.5N	•	•	•		
WDU 4N	ZQV 4N	•	•	•	•	•
WDK 4N...	ZQV 4N	•	•	•		
WDK 4N PE	ZQV 4N	•	•	•		

ZQV 2.5N





Continuous cross-connection
ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV – 9002170000) to produce customised configurations with the required number of poles.
More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.

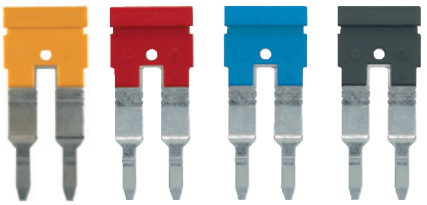


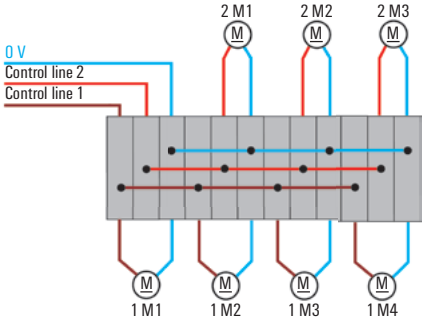
No. of poles	Type	I [A]	Qty.	Order No. yellow	Order No. red	Order No. blue	Order No. black
2	ZQV 2.5N/2	24	60	1693800000	1717900000	1717990000	1718080000
3	ZQV 2.5N/3	24	60	1693810000	1717910000	1718000000	1718090000
4	ZQV 2.5N/4	24	60	1693820000	1717920000	1718010000	1718100000
5	ZQV 2.5N/5	24	20	1693830000	1717930000	1718020000	1718110000
6	ZQV 2.5N/6	24	20	1693840000	1717940000	1718030000	1718120000
7	ZQV 2.5N/7	24	20	1693850000	1717950000	1718040000	1718130000
8	ZQV 2.5N/8	24	20	1693860000	1717960000	1718050000	1718140000
9	ZQV 2.5N/9	24	20	1693870000	1717970000	1718060000	1718150000
10	ZQV 2.5N/10	24	20	1693880000	1717980000	1718070000	1718160000
20	ZQV 2.5N/20	24	20	1909000000	1909110000	1909140000	1909130000

For terminal standard	compact
WDU 2.5/1.5 ZR	WDU 2.5N
WDU 2.5	WDK 2.5N
WDK 2.5/ ZQV	WDK 2.5N V
WDU 1.5 BLZ 5.08/ ZQV	WDK 2.5N DU-PE
	WMF 2.5...

Special features of
WDU 2.5, WDU 4 und WDU 2.5/1.5/ZR

- Parallel distribution of 3 potentials
  Important! Rated voltage reduced to 125 V!
- Parallel distribution of 2 potentials
  Important! Only when using the outer cross-connection holes at 400 V
- The middle cross-connection hole can be used for either ZQV or WQV



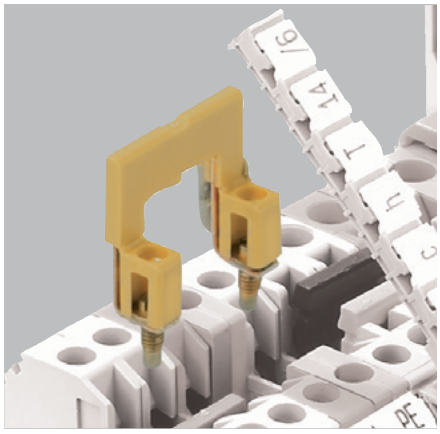


Important! For shortened ZQV located adjacent to each other (with bare cut edges), end plates or partition plates are necessary for rated voltage of 250 V.

No. of poles	Type	I [A]	Qty.	Order No. yellow	Order No. red	Order No. blue	Order No. black
2	ZQV 4N/2	32	60	1758250000	1793950000	1793960000	1793970000
3	ZQV 4N/3	32	60	1762630000	1793980000	1793990000	1794000000
4	ZQV 4N/4	32	60	1762620000	1794010000	1794020000	1794030000
5							
6							
7							
8							
9							
10	ZQV 4N/10	32	20	1758260000	1794040000	1794050000	1794060000
20	ZQV 4N/20	32	20	1909020000	1909150000	1909100000	1909120000

For terminal standard	compact
WDU 4	WDU 4N
WTR 4	WDK 4N
WTR 4 SI	WDK 4N V
WTR 4 SL	WDK 4N DU-PE
WTR 4/ZZ+ZR	WDK 2.5N V
WDU/PE4/ZZ+ZR	WDK 2.5N DU-PE

WQV screw-in cross-connection



Thanks to the many possible ways in which the WQV cross-connection system can be used – break-out of individual layers, creation of any number of poles or running of two voltages parallel to one another – individual modules can be realised very easily!

Technical instructions

- The full rated current of the terminals can be routed across any number of poles.
- No end plates or partition plates needed for adjacent WQV up to 400 V.

Assembly

- Place the WQV in the cross-connection channel in the middle of the terminal and screw tight.
- Individual WQV segments can be broken out by bending over or using the WAW1 tool (9004500000). It is then possible to bridge individual or several terminals.

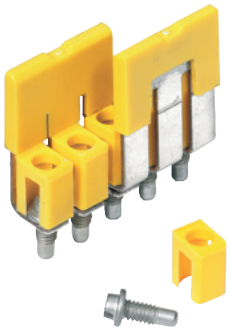
- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.

Any number of poles (extending)

Pre-fitted cross-connections can be set one after the other to produce any required number of poles.
To do so, arrange the last and first contact points of two identical WQVs so that they overlap.

- First, remove the fixing screw and screwdriver guide (insulated part) at one of the outer contact points of one of the WQVs.

- Then insert the WQV without fixing screw and insulated part. At the same time, insert an unmodified WQV in parallel so as to produce an overlap at the connection. The connection is screwed tight using the fixing screw of the unmodified WQV.

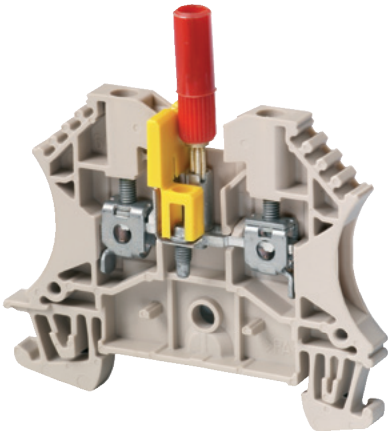


Routing 2 potentials in parallel

- In spite of only having 1 channel, the QV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (page D.167).

WQV in combination with a socket contact and test plug

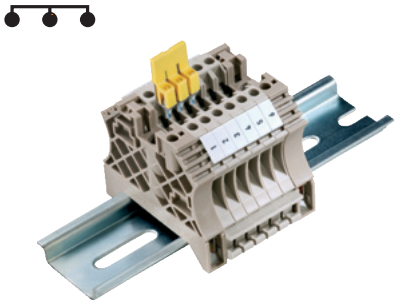
- Remove the fixing screw and insulation part of the WQV. Screw the socket in at this point. This now makes it possible to integrate a safe test point.



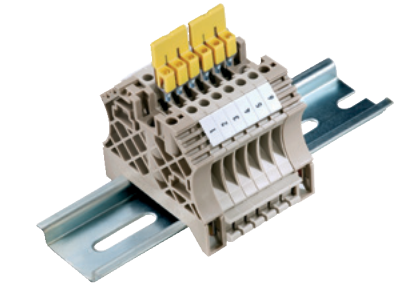
Potential distribution – possible combinations

In one cross-connection channel

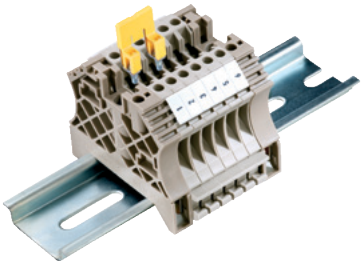
single



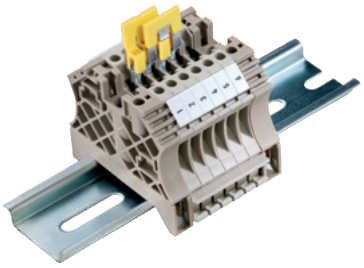
adjacent



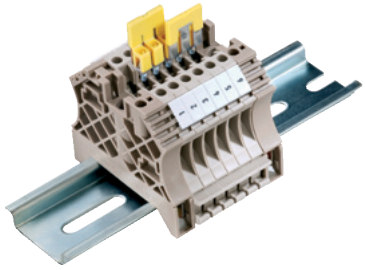
bridging



parallel/bridging



parallel/lengthening



Possible cross-connections of terminals of the same type with appropriate cross-connectors

Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ZZ	WQV 2.5	•	•	•	•	•
WDU 1.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5/1.5/ZR	WQV 2.5	•	•	•	•	•
WDU 2.5 - WDU 35	WQV 2.5 - WQV 35	•	•	•	•	•
WDK 2.5...	WQV 2.5	•	•	•	•	•
WDK 2.5 PE	WQV 2.5	•	•	•	•	•
WDU 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDK 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5 F...	WQV 2.5	•	•	•	•	•
WDK 2.5 F...	WQV 2.5	•	•	•	•	•
WDU 4... - WDU 35...	WQV 4 - WQV 35	•	•	•	•	•
WDU 70/95	WQV 70/95	•	•			
WDU 120/150	WQV 120/150	•	•			
WDU 240	WQB 240	•	•			
Compact						
WDU 2.5N	WQV 2.5	•	•	•	•	•
WDU 2.5N 600V	WQV 2.5	•	•	•	•	•
WDU 16N	WQV 16N	•	•	•	•	•
WDU 35N	WQV 35N	•	•			
WDU 50N	WQV 50N	•	•			
WDU 70N	WQV 70N	•	•			
WDU 95N/120N	WQV 95N/120N	•	•			

WQV 2.5

Technical data		
Current	A	32 / 32
Type of fixing		Screwed
Pitch	mm	5,10

Ordering data	Type	Qty.	Order No.
2-pole	WQV 2.5/2	50	1053660000
3-pole	WQV 2.5/3	50	1053760000
4-pole	WQV 2.5/4	50	1053860000
5-pole	WQV 2.5/5	10	1053960000
6-pole	WQV 2.5/6	10	1054060000
7-pole	WQV 2.5/7	10	1054160000
8-pole	WQV 2.5/8	10	1054260000
9-pole	WQV 2.5/9	10	1054360000
10-pole	WQV 2.5/10	20	1054460000
15-pole	WQV 2.5/15	10	1059660000
20-pole	WQV 2.5/20	10	1577570000
32-pole	WQV 2.5/32	10	1577600000

For terminal:

WDU 1.5 ZZ	WDK 2.5
WDU 1.5 BLZ	WDK 2.5 V
WDU 2.5/1.5 ZR	WDK 2.5 DU-PE
WDU 2.5	WDK 2.5 F
WDU 2.5 F	

WQV 4

Technical data		
Current	A	/ 32
Type of fixing		Screwed
Pitch	mm	6,10

Ordering data	Type	Qty.	Order No.
2-pole	WQV 4/2	50	1051960000
3-pole	WQV 4/3	50	1054560000
4-pole	WQV 4/4	50	1054660000
5-pole	WQV 4/5	10	1057860000
6-pole	WQV 4/6	10	1057160000
7-pole	WQV 4/7	10	1057260000
10-pole	WQV 4/10	20	1052060000

For terminal:

WDU 4
WDU 4 SL

WQV 6

Technical data		
Current	A	/ 57
Type of fixing		Screwed
Pitch	mm	8,00

Ordering data	Type	Qty.	Order No.
2-pole	WQV 6/2	50	1052360000
3-pole	WQV 6/3	50	1054760000
4-pole	WQV 6/4	50	1054860000
5-pole	WQV 6/5	50	1062660000
6-pole	WQV 6/6	50	1062670000
7-pole	WQV 6/7	50	1062680000
10-pole	WQV 6/10	20	1052260000

For terminal:

WDU 6
WDU 6 SL

WQV 35N

Technical data		
Current	A	/ 101
Type of fixing		Screwed
Pitch	mm	16,00

Ordering data	Type	Qty.	Order No.
2-pole	WQV 35N/2	20	1079200000
3-pole	WQV 35N/3	20	1079300000
4-pole	WQV 35N/4	20	1079400000

For terminal:

WDU 35N

WQV 50N

Technical data		
Current	A	/ 150
Type of fixing		Screwed
Pitch	mm	18,50

Ordering data	Type	Qty.	Order No.
2-pole	WQV 50N/2	5	1834060000
3-pole	WQV 50N/3	5	1834070000
4-pole	WQV 50N/4	5	1834080000

For terminal:

WDU 50N

WQV 70N

Technical data		
Current	A	/ 192
Type of fixing		Screwed
Pitch	mm	20,50

Ordering data	Type	Qty.	Order No.
2-pole	WQV 70N/2	5	9512240000
3-pole	WQV 70N/3	5	9512250000
4-pole	WQV 70N/4	5	9531290000

For terminal:

WDU 70N

WQV 10

/ 57
Screwed
10,00

Type	Qty.	Order No.
WQV 10/2	50	1052560000
WQV 10/3	50	1054960000
WQV 10/4	50	1055060000
WQV 10/10	20	1052460000

For terminal:
WDU 10
WDU 10 SL
WDU 10 ZR

WQV 16

101 / 76
Screwed
12,00

Type	Qty.	Order No.
WQV 16/2	50	1053260000
WQV 16/3	50	1055160000
WQV 16/4	50	1055260000
WQV 16/10	10	1053360000

For terminal:
WDU 16

WQV 16N

101 / 76
Screwed
12,00

Type	Qty.	Order No.
WQV 16N/2	50	1636560000
WQV 16N/3	50	1636570000
WQV 16N/4	50	1636580000

For terminal:
WDU 16N

WQV 35

/ 112
Screwed
16,00

Type	Qty.	Order No.
WQV 35/2	50	1053060000
WQV 35/3	50	1055360000
WQV 35/4	50	1055460000
WQV 35/10	10	1053160000

For terminal:
WDU 35

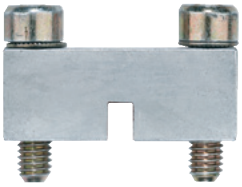
WQV 70/95

/ 192
Screwed
27,00

Type	Qty.	Order No.
WQV 70/95/2	5	1063500000
WQV 70/95/3	5	1063600000

For terminal:
WDU 70/95

WQV 95N/120N



269 / 269
Screwed
27,00

Type	Qty.	Order No.
WQV 95N/120N-2	5	1826890000
WQV 95N/120N-3	5	1826900000
WQV 95N/120N-4	5	1826910000

For terminal:
WDU 95N/120N

WQV 120

/ 269
Screwed
32,00

Type	Qty.	Order No.
WQV 120/2	5	1063300000
WQV 120/3	5	1063400000

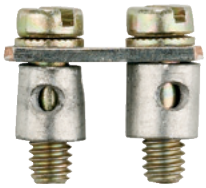
For terminal:
WDU 120/150

Screwable QV

Q AKZ 4 SS

Technical data				
Current	A	20 / 20		
Type of fixing		Screwed		
Pitch	mm	5,10		
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	Q 2 AKZ4SS	50	**0369000000**
	3-pole			
	4-pole			
	5-pole			
	10-pole	Q 10 AKZ4SS	20	**0369300000**
	20-pole			
		For terminal:		
		WDK 2.5 / 800 V		

Q / DLI



		20 / 20		
		Screwed		
		5,00		
		Type	**Qty.**	**Order No.**
		Q 2 DLI	50	**1312500000**
		Q 3 DLI	50	**1312600000**
		Q 4 DLI	50	**1312700000**
		Q 10 DLI	20	**1313100000**
		Q 20 DLI	20	**1399800000**
		For terminal:		
		DLI 2.5		
		DLA 2.5		
		DLD 2.5		

Q AKZ 1.5

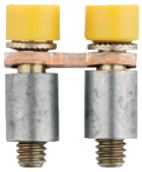
		/ 24		
		Screwed		
		5,10		
		Type	**Qty.**	**Order No.**
		Q 2 AKZ1.5	50	**0368200000**
		Q 3 AKZ1.5	50	**0368300000**
		Q 4 AKZ1.5	50	**0368400000**
		Q 10 AKZ1.5	20	**0368500000**
		For terminal:		
		AKZ 1.5		
		AKZ 2.5		

Screwable QV

Q AKZ 4

Technical data				
Current	A	32 / 32		
Type of fixing		Screwed		
Pitch	mm	6,10		
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	Q 2 AKZ4	50	**0336400000**
	3-pole	Q 3 AKZ4	50	**0336500000**
	4-pole	Q 4 AKZ4	50	**0336600000**
	5-pole			
	10-pole	Q 10 AKZ4	20	**0368600000**
	20-pole			
		For terminal:		
		AKZ 4		

Q / WDL



		/ 24		
		Screwed		
		6,10		
		Type	**Qty.**	**Order No.**
		Q 2 WDL2.5S	50	**1071500000**
		Q 3 WDL2.5S	50	**1071600000**
		Q 4 WDL2.5S	50	**1071700000**
		Q 10 WDL2.5S	20	**1071800000**
		Q 20 WDL2.5S	20	**1074200000**
		For terminal:		
		WDL 2.5/S...(with 10 x 3 busbar)		
		WDL 2.5 (With isolator, external side)		

External cross-connection bridges

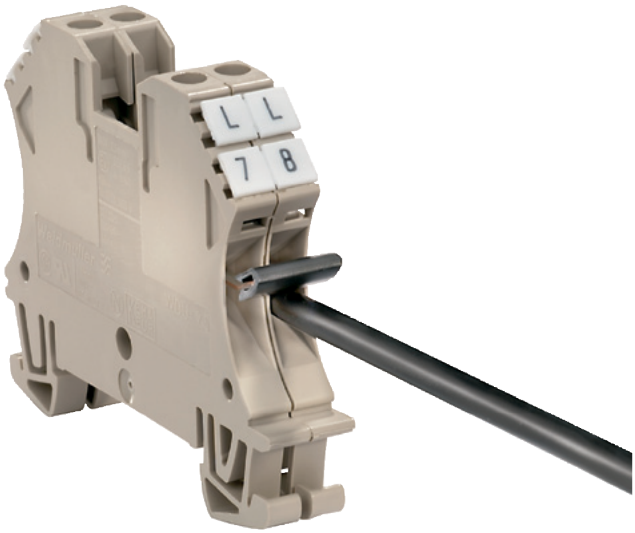
Function

External cross-connection bridges make it possible to switch terminals in parallel, which are not available in the middle of the terminal via a cross-connection channel.

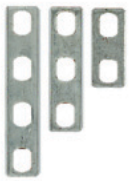
Assembly

These bridges are positioned over the conductor in the clamping point and connected. Individual contacts can be separated off by hand when you wish to skip a clamping point.

Important! Use of these parts reduces the nominal cross-section of the connected conductor to the next smallest size for the terminal in question.



Technical data

		QL ...WSI 6	WQB A / ...	WQB B / ...
		Pitch 6,3 mm	Pitch 5,1 mm	Pitch 5,1 mm
				
Continuous current 2-pole/multi-pole	A	24 / 24	24 / 24	24 / 24
Fork length	mm	12	12	16

Ordering data

	QL ...WSI 6			WQB A / ...			WQB B / ...		
	Type	Qty.	Order No.	Type	Qty.	Order No.	Type	Qty.	Order No.
2-pole	QL 2	100	0194300000	WQB A / 2	50	1578950000	WQB B / 2	50	1579010000
3-pole	QL 3	100	0194400000	WQB A / 3	50	1578960000	WQB B / 3	50	1579020000
4-pole	QL 4	50	0194500000	WQB A / 4	50	1578970000	WQB B / 4	50	1579030000
10-pole	QL 10	20	0338300000	WQB A / 10	50	1578990000	WQB B / 10	50	1579050000
24-pole				WQB A / 24	50	1579000000	WQB B / 24	50	1579060000
Fixing screw	BS-M 3 x 5	100	1052100000						
Releasing tool	WAW 2	1	9004510000						
	For terminal:			**For terminal:**			**For terminal:**		
	WSI 6...			WDK 2.5			WDU 1.5 / ZZ (lower connection level)		
							WDU 2.5		
							WDU 2.5 / 1.5 / ZR (lower connection level)		
							WTR 2.5		

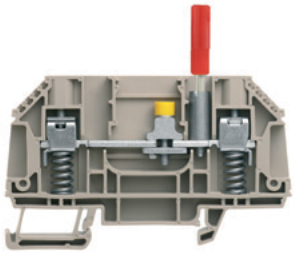
Testing in terminals

PS

Test plug

Test plugs (PS) are used for measurements or final testing of ready wired terminal strips. Test plugs are available for socket contacts with an internal diameter of 2.3 mm or 4 mm. The difference to the test adapter is that the test plug does not slot into the terminal. This means that reliable plugging into feed-through terminals up to 35 mm² is only possible with a socket.

Special feature for large cross-sections
WDU 70N, WDU 95N/120N, WDU 70/95, WDU 120/150
In these terminals, test plug PS 4 can be plugged into the head of the clamping screw for measurements.



StB

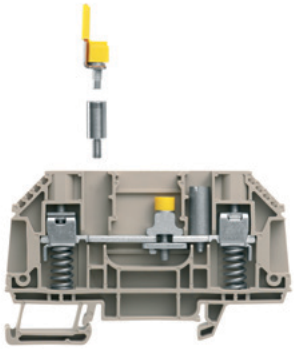
Socket

The StB socket is used for fitting the PS test plug. The sockets are screwed into the busbar in the cross-connection channel in the middle of the terminal. The WTR test-disconnect terminals are available with pre-assembled sockets (refer to the W-Series test-disconnect terminals). The sockets are equipped with a slot for the screwdriver. A special screwdriver blade guarantees that the sockets are securely tightened (see catalogue Tools, chapter F).

Combining with WQV
The socket can be used in combination with the WQV screw-in crossconnection.
For this purpose, the insulating part of the screw and the fixing screw have to be removed at the corresponding pole in the WQV. The socket can then be screwed in.

Ordering data

Test plug	Qty.	Order No.
2.3 mm diameter / rated current 17.5 A		
PS 2.3	20	0180400000
4.0 mm diameter / rated current 24 A		
PS 4	20	0299600000



Ordering data

Socket	For test plug	Qty.	Order No.	For terminal standard design	For terminal compact design
Thread M 2.5 / Length 11.5 mm					
StB 8.5	PS 2.3	50	0215700000	WDU 1.5/ZZ WDU 2.5/1.5/ZR WDU 2.5 WDK 2.5...	WDU 2.5N (WQV) WDU 2.5N 600V UL
Thread M 3 / Length 12 mm					
StB 8.5	PS 2.3	50	0280600000	WDU 4 WDU 6 WDU 10 WDU 10/ZR	
Thread M 3 / Length 19 mm					
StB 14	PS 4	50	0169900000	WDU 10 WDU 10ZR	WDU 16N WDU 35
Thread M 4 / Length 23 mm					
StB 16	PS 4	50	0140200000	WDU 16	WDU 35N WDU 35
Thread M 3 / Length 23 mm (finger-safe)					
StB 21.6	PS 4	50	1071000000	WDU 4 WDU 10	WDU 6

Test adapter

WTA 1

Dimensions				
Width / Length / Height	mm	5 / 66.1 / 98.2		
Stripping length	mm	6		
Rated data		**IEC**	**UL**	**CSA**
Rated voltage	V	250	300	300
Rated current	A	6	6	6
Rated cross-section	mm²	1.5		
Clamped conductors (H05V/H07V)				
solid / stranded	mm²	0.5...1.5		
flexible / flexible with ferrule	mm²	1...1.5 / 0.5...1.5		

Ordering data	**Type**	**Qty.**	**Order No.**
1-pole	WTA 1 WDU1.5	25	**1632290000**
With snap-in pegs	WTA 1/ZA WDU1.5	25	**1632300000**
10-pole			

For terminal:
WDU 2.5N
WDU 4N

WTA 2

Dimensions				
Width / Length / Height	mm	5 / 66.1 / 107.6		
Stripping length	mm	6		
Rated data		**IEC**	**UL**	**CSA**
Rated voltage	V	250	300	
Rated current	A	6		
Rated cross-section	mm²	1.5		
Clamped conductors (H05V/H07V)				
solid / stranded	mm²	0.5...1.5		
flexible / flexible with ferrule	mm²	1...1.5 / 0.5...1.5		

Ordering data	**Type**	**Qty.**	**Order No.**
1-pole	WTA 2 WDU2.5-10	25	**1632320000**
With snap-in pegs	WTA 2/ZA WDU2.5-10	25	**1632330000**
10-pole	WTA 2/10 WDU2.5/10	5	**1632340000**

For terminal:
WDU 1.5 ZZ
WDU 2.5/1.5 ZR
WDU 2.5
WDU 2.5 F
WDU 4
WDU 6
WDU 10
WDU 16

WTA 3

Dimensions				
Width / Length / Height	mm	6 / 66.1 / 107.6		
Stripping length	mm	6		
Rated data		**IEC**	**UL**	**CSA**
Rated voltage	V	250	300	
Rated current	A	6		
Rated cross-section	mm²	1.5		
Clamped conductors (H05V/H07V)				
solid / stranded	mm²	0.5...1.5		
flexible / flexible with ferrule	mm²	1...1.5 / 0.5...1.5		

Ordering data	**Type**	**Qty.**	**Order No.**
1-pole	WTA 3 WDU4	25	**1632350000**
With snap-in pegs	WTA 3/ZA WDU4	25	**1632360000**
10-pole			

For terminal:
WDU 4
WDU 6
WDU 10

Test adapter

WTA 6

Dimensions				
Width / Length / Height	mm	5 / 66.1 / 107.6		
Stripping length	mm	6		
Rated data		**IEC**	**UL**	**CSA**
Rated voltage	V	250	300	300
Rated current	A	6	6	6
Rated cross-section	mm²	1.5		
Clamped conductors (H05V/H07V)				
solid / stranded	mm²	0.5...1.5		
flexible / flexible with ferrule	mm²	1...1.5 / 0.5...1.5		

Ordering data	**Type**	**Qty.**	**Order No.**
1-pole	WTA 6 WTR2.5	25	**1632380000**
With snap-in pegs	WTA 6/ZA WTR2.5	25	**1632390000**
10-pole			

For terminal:
WTR 2.5

WTA 7

Dimensions				
Width / Length / Height	mm	6 / 68 / 120		
Stripping length	mm	6		
Rated data		**IEC**	**UL**	**CSA**
Rated voltage	V	250	300	
Rated current	A	6		
Rated cross-section	mm²	1.5		
Clamped conductors (H05V/H07V)				
solid / stranded	mm²	0.5...1.5		
flexible / flexible with ferrule	mm²	1...1.5 / 0.5...1.5		

Ordering data	**Type**	**Qty.**	**Order No.**
1-pole	WTA 7 WSI6	25	**1650210000**
With snap-in pegs			
10-pole			

For terminal:
WSI 6

WTA 4N

5 / 62 / 111.6		
IEC	**UL**	**CSA**
250	300	
6		
1.5		
0.5...1.5		
1...1.5 / 0.5...1.5		

Type	Qty.	Order No.
WTA 4N WDK 2.5	25	1878660000
WTA 4N/ZA WDK 2.5	25	1879350000

For terminal:

WDK 2.5
WDK 2.5 V
WDK 2.5 F
WDK 2.5 FV

WTA 5

5 / 17 / 68.2		
6		
IEC	**UL**	**CSA**
250	300	
6		
1.5		
0.5...1		
1...1 / 0.5...1		

Type	Qty.	Order No.
WTA 5/1	25	1051260000

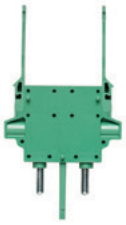
For terminal:

WDU 2.5
WDU 4
WDU 6
WDU 10
WDU 10 ZR

Test adapter

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Clamped conductors (H05V/H07V)	
solid / stranded	mm²
flexible / flexible with ferrule	mm²
Ordering data	
	green
	beige

WTA 8



6 / 39 / 78		
IEC	**UL**	**CSA**
205		
6		
1.5		
0.5...2.5		

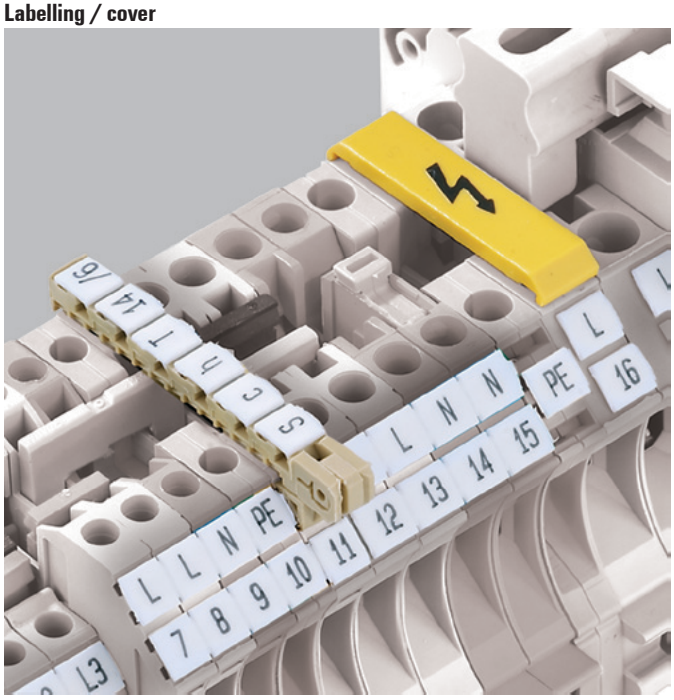
Type	Qty.	Order No.
WTA 8KO-TN	25	1915480000
WTA 8 TN	25	1915450000

For terminal:

WTL 4/2 StB

TN-KO = Isolate - Contact
KO-TN = Contact - Isolate
TN = Isolate

Labelling / cover



The WAD cover is snapped on to the centre of the terminal on the cross-connection channel, from the top down. The covers are delivered in yellow with a black lightning flash symbol and also in white without markings.
The WAD covers are available for all feed-through terminals in the W-Series.

Labelling of mains terminals

VDE regulations require that mains terminals be labelled with "Warning Voltage" and a lightning flash symbol.

Convenient labelling options

A white cover with no print is well suited for manual terminal labelling or for group labelling.

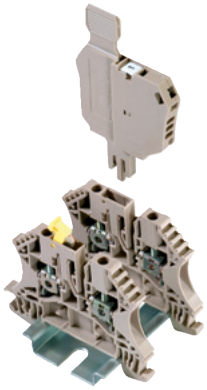
Touch protection with uninsulated cross-connections

Important! When cross-connecting the WDU 70N, WDU 95N/120N, WDU 70/95 and WDU 120/150, touch protection is guaranteed by the cover, in compliance with VDE directives.

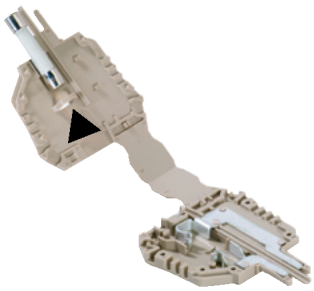
WAD

Type	Colour	Qty.	Order No.	For terminal:
Width				
WAD 4 GE BED	yellow	50	**1072000000**	WDK 2.5
WAD 4 WS	white	50	**1072100000**	WDK 2.5 / 800V
				WDK 2.5 BL
				WDK 2.5 DU-PE
				WDK 2.5 F
				WDK 2.5 F BL
				WDK 2.5 FF
				WDK 2.5 FV
				WDK 2.5 ZQV
				WDK 2.5 ZQV BL
				WDK 2.5/D
				WDK 2.5V
				WDK 2.5V BL
				WDU 1.5/ZZ
				WDU 1.5/ZZ BL
				WDU 2.5 F 2X2.8
				WDU 2.5 FF 2*2.8
				WDU 2.5N
				WDU 2.5N BL
				WDU 2.5N ZQV
				WDU 2.5N ZQV BL
				WDU 2.5N/600 UL
				WDU 4N
				WDU 4N BL
Width				
WAD 5 MC NE WS	white	48	**1112910000**	WDU 2.5
WAD 5 MC B GE/SW	with lightning flash black on yellow	49	**1120450000**	WDU 2.5 BL
				WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 4
				WDU 4 BL
				WDU 6
				WDU 6 BL
Width				
WAD 8 MC B GE/SW	Lightning flash black on yellow	48	**1120470000**	WDU 10
				WDU 10 BL
WAD 8 MC NE WS	white	48	**1112940000**	
Width				
WAD 12 M. BL.	yellow	50	**1055960000**	WDU 16/ZA
WAD 12 NEUTRAL	white	50	**1056260000**	WDU 16/ZA BL
				WDU 16N BL
				WDU 35/IK/ZA
				WDU 35/ZA
				WDU 35/ZA BL
Width				
WAD 12N GE BED	yellow	50	**1073200000**	WDU 16N
Width				
WAD 16N GE BED	yellow	50	**1083600000**	WDU 16N
WAD 16N WS	white	50	**1083500000**	WDU 35N
				WDU 35N BL
Width				
WAD 20 GE WSD	yellow	10	**9512260000**	WDU 50N
				WDU 50N BL
				WDU 70N/35
				WDU 70N/35 BL
				WDU 95N
				WDU 95N BL
Width				
WAD 27 M. BL.	yellow	10	**1062860000**	WDU 120
WAD 27 NEUTRAL	white	10	**1062960000**	WDU 120 BL
				WDU 70/95
				WDU 70/95 BL

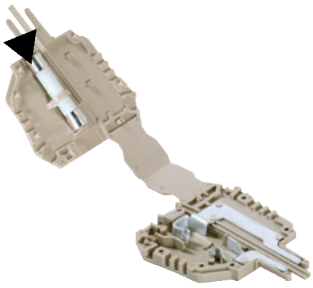
SIHA fuse holder



1. Open fuse holder with fingers or screwdriver



2. Press out old fuse



3. Position new fuse

4. Press fuse holder together again

For 5x20 G-fuse cartridges
The SIHA fuse holder turns a test disconnect terminal into a fuse terminal in seconds: Simply remove the isolating lever and insert the fuse plug

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement
- Marking position for Dekafix 5 and space for self-adhesive label size 8/20

SIHA 1

	Qty.	Order No.
without LED		
SIHA1/G20		
400 V	1	**9537550000**
with LED (red)		
SIHA1/G20		
10 - 36 V	1	**9537560000**

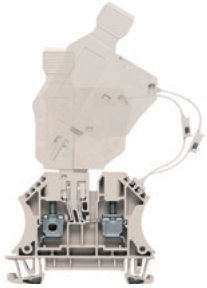
For test-disconnect terminal versions
WTR 2.5/ZZ

SIHA 3

	Qty.	Order No.
without LED		
SIHA3/G20		
400 V	1	**7921560000**
with LED (red)		
SIHA3/G20		
10 - 36 V	1	**7921570000**
35 - 70 V	1	**7921580000**
60 - 150 V	1	**7921590000**
140 - 250 V	1	**7921600000**

For test-disconnect terminal versions
WTR 4
WTR 4/ZZ
WTR 4/ZR
WTR 2.5

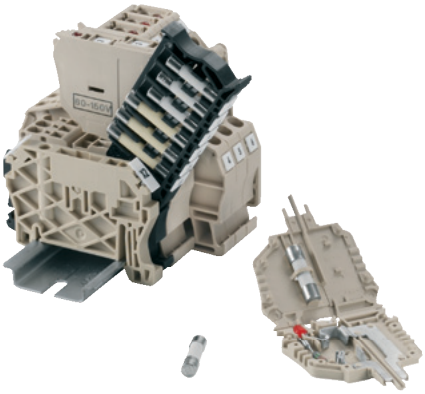
SIHA STRAP



	Qty.	Order No.
with strap		
SIHA STRAP		
	20	**9537680000**

Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either left or right

Fuse carrier ZST 1



The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available to be used during servicing work.

ZST 1

Dimensions		
Width / Length / Height	mm	8 / 62 / 40

Ordering data

Type	Qty.	Order No.
ZST 1	25	1269070000

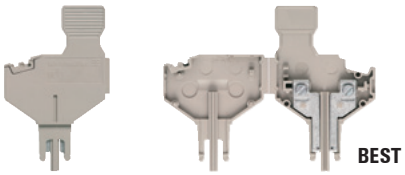
Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications using as few parts as possible. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the "disconnecting products" of the W-, Z-, I- and P-Series.

Component plug (up to 250 V)

can be reversed



Ordering data

Type	Fitted with...	Qty.	Order No.
BEST	–	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000
For terminal type			
PTR 2.5/4...			
PDL 4 TR/...			

Isolating plug

Isolating plug

Ordering data

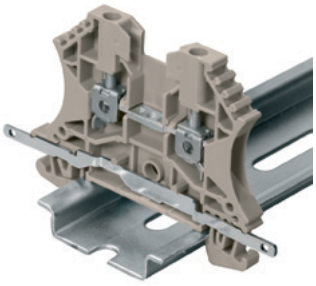
Type	Colour	Qty.	Order No.
TNST	yellow Wemid	25	1833090000
For terminal type			
WTR 2.5			
WTR 4			
WTR4/ZZ			
WTR4/ZR			

Screen plug (LS)

A screen plug (LS) is available for many terminals in the W-Series. The bar can be used to continue the shielding over the terminals as an interface. There is no direct connection to earth potential.

Assembly
The screen plug is placed flat in the bottom of the terminal in the recess provided. At the ends, the shield can be plugged in with a 2.8 mm Faston connector or soldered on.

Reduced rated voltage
The smaller clearance and creepage sections result in a reduced voltage rating in the terminal when using the screen plug.



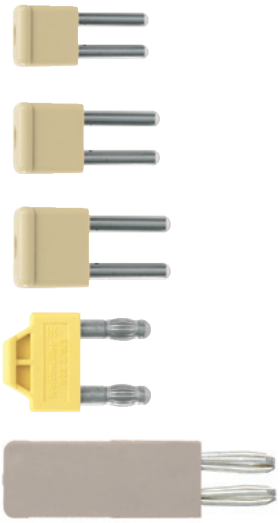
Short-circuit plug (WDS)

Short-circuit plugs (cross-connection plugs) are used together with sockets (diameter 2.3 mm) for easily disconnecting the cross connection of terminals.

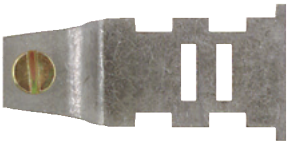
In reality, this connector is often used with test-disconnect terminals. Thanks to its insulated grip, the WDS is touch-safe.

Assembly
The plug is simply plugged onto the socket and locks automatically.

For terminal width 5.1 mm

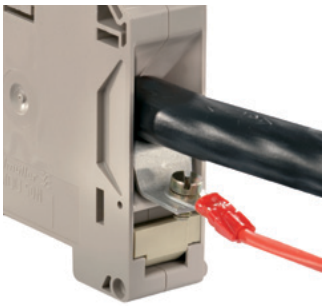


Extension connector (WZAD)

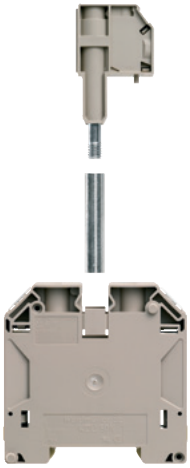


An extension connector (WZAD) is offered for feed-through terminals from 70 mm².

Assembly
This connector consists of a metal part which is pushed into the terminal and lodges behind the clamping yoke. The WZAD extension connector is connected to the "main" conductor in the terminal. Another conductor of up to 4 mm² and 32 A can be screwed to the outer end of the extension connector using a ring cable lug.



Exception WZAD WDU 240
The extension connector for WDU 240 is plugged separately into the terminal above the wire entry and locks automatically. The conductor is connected with a fully insulated screw connection.



LS 2.8

Type	Qty.	Order No.
LS 2.8 WDU2.5-10	50	1056400000

WDS

Type	Qty.	Order No.
WDS 2	20	1069900000

WZAD

Type	Clamped conductor	Rated current	Qty.	Order No.	For terminal
WZAD 70/95	up to 4 mm²	32 A	10	1066000000	WDU 70/95
WZAD 120	up to 4 mm²	32 A	10	1066100000	WDU 120/150
WZAD 240	up to 10 mm²	57 A	5	1802810000	WDU 240
WZAD 50N	up to 10 mm²	40 A	5	1872720000	WDU 50N
WZAD 70N	up to 4 mm²	32 A	10	1964830000	WDU 50N/70N
WZAD 95N/120N	up to 10 mm²	41 A	5	1859580000	WDU 95N/120N

Reduced voltage

For terminal standard design	Reduced voltage
WDU 1.5/ZZ	400 V
WDU 2.5/1.5/ZR	400 V
WDU 2.5	400 V
WDU 4	400 V
WDU 6	400 V
WDU 10	400 V
WDK 2.5 ZQV	250 V
WDK 2.5 (WQV)	250 V
WTR 2.5...	250 V
For terminal compact design	**Reduced voltage**
WDK 2.5N	250 V
WDK 4N	250 V

Reduced voltage

For terminal
WDU 1.5/ZZ
WDU 2.5/1.5/ZR
WDU 2.5
WDK 2.5... (WQV)
WTR 2.5...
WDU 2.5 F...

WZAF with M3 mounting screw

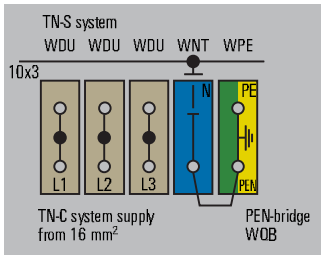
Type	Clamped conductor	Rated current	Qty.	Order No.	For terminal
WZAF 35	4 mm²	32 A	10	1070500000	WFF 35
WZAF 70	4 mm²	32 A	10	1066200000	WFF 70
WZAF 120	4 mm²	32 A	10	1066300000	WFF 120
WZAF 185	4 mm²	32 A	10	1066400000	WFF 185
WZAF 300	4 mm²	32 A	10	1066500000	WFF 300

PEN bridges

Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

Standard installation
Depending on the terminal type, inside or outside, PEN bridges are available for both PE and N conductor terminals from 10 mm^2
Important! For outside bridges, please note that in this context only the next smaller rated cross-section (than standard) can be connected.

Building installation with N-conductor isolation
Special external cross-connections (WQB-PEN) are available for neutral conductor test-disconnect terminals (WNT). These establish contact between the NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



D

External PEN bridge

Inside PEN bridge

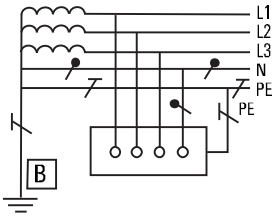
WQB-PEN ...

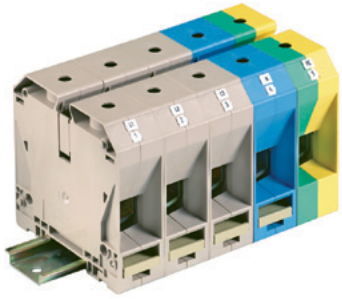
Type	Qty.	Order No.	For terminal
with standard terminals			
WQB-PEN 10	10	**1060300000**	WPE 10 WDU 10 BL
WQB-PEN 16	10	**1060200000**	WPE 16 WDU 16 BL
WQB-PEN 35	10	**1060100000**	WPE 35 WDU 35 BL
with compact terminals			
WQB-PEN 16N	10	**1079600000**	WNT 16N WPE 16N
WQB-PEN 35N	10	**1079500000**	WNT 35N WPE 35N
WQB-PEN 70N	10	**1079700000**	WNT 70N WPE 70N

WQV ... -PEN

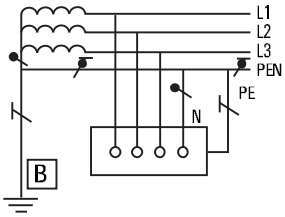
Type	Qty.	Order No.	For terminal
WQV 16N-PEN	10	**1071360000**	WPE 16N WDU 16N BL
WQV 70N-PEN	5	**9525840000**	WPE 70N WDU 70N BL
WQV 70/95-PEN	5	**1072300000**	WPE 70/95 WDU 70/95 BL
WQV 120-PEN	5	**1072400000**	WPE 120/150 WDU 120/150 BL
WQV 50N-PEN		**9201610000**	WPE 50N WDU 50N
WQV 95N/120N-PEN		**9201630000**	WPE 95N/120N WDU 95N/120N

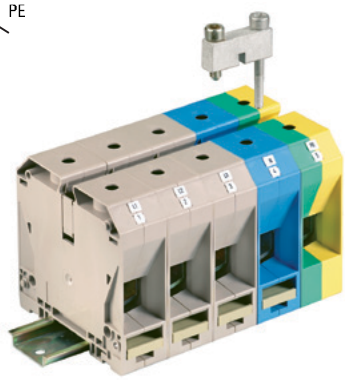
TN-S system:

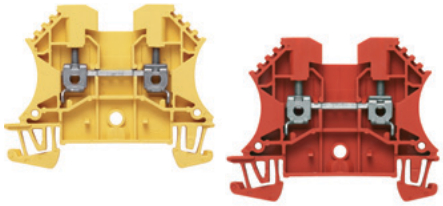




TN-C system:







The colours listed are available as standard. Other terminal types can be supplied in customised colours on request for quantities exceeding the minimum quantity.

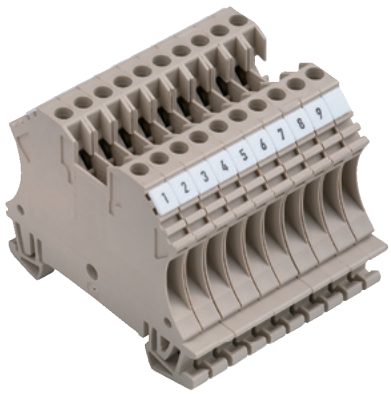
Standard design

	Colour	Qty.	Order No.
WDU 2.5			
WDU 2.5 BL	blue	100	1020080000
WDU 2.5 OR	orange	100	1020060000
WDU 2.5 BR	brown	100	1037710000
WDU 2.5 GE	yellow	100	1020020000
WDU 2.5 GN	green	100	1020090000
WDU 2.5 GR	grey	100	1037720000
WDU 2.5 RT	red	100	1020040000
WDU 2.5 SW	black	100	1020010000
WDU 2.5 VI	violet	100	1037700000
WDU 2.5 WS	white	100	1036800000
WDK 2.5			
WDK 2.5 OR	orange	100	1021560000
WDK 2.5 V			
WDK 2.5 V OR	orange	100	1022360000
WDK 2.5 V GE	yellow	100	1022350000
WDU 4			
WDU 4 BL	blue	100	1020180000
WDU 4 OR	orange	100	1036760000
WDU 4 BR	brown	100	1037810000
WDU 4 GE	yellow	100	1020120000
WDU 4 GE/SW	yellow/black	100	1020190000
WDU 4 GN	green	100	1020160000
WDU 4 GR	grey	100	1037800000
WDU 4 RT	red	100	1020140000
WDU 4 SW	black	100	1020110000
WDU 4 VI	violet	100	1037820000
WDU 4 WS	white	100	1036700000
WDU 6			
WDU 6 BL	blue	100	1020280000
WDU 6 OR	orange	100	1020260000
WDU 6 GE	yellow	100	1040220000
WDU 6 GN	green	100	1020290000
WDU 6 GR	grey	100	1039600000
WDU 6 RT	red	100	1020240000
WDU 6 SW	black	100	1020210000
WDU 6 WS	white	100	1039700000
WDU 10			
WDU 10 BL	blue	50	1020380000
WDU 10 GE	yellow	50	1833350000
WDU 10 GN	green	50	1833340000
WDU 10 OR	orange	50	1020360000
WDU 10 RT	red	50	1020340000
WDU 10 SW	black	50	1020310000
WDU 10 WS	white	50	1833380000
WDU 16			
WDU 16 BL	blue	50	1020480000
WDU 16 RT	red	50	1833400000
WDU 16 SW	black	50	1833420000
WDU 35			
WDU 35 BL	blue	40	1020580000
WDU 35/IK BL	blue	40	1020680000
WDU 35/ZA BL	blue	40	1028880000
WDU 35/ZA OR	orange	40	1060220000
WSI 6			
WSI 6 OR	orange	50	1011060000
WSI 6 SW	black	50	1011010000
WSI 6 BL	blue	50	1011080000
WTD 6/1			
WTD 6/1 GE	yellow	50	1631760000
WTD 6/1 RT	red	50	1631750000
WTL 6/3			
WTL 6/3 BR	brown	50	1018640000

Compact design

	Colour	Qty.	Order No.
WDU 2.5			
WDU 2.5N BL	blue	100	1023780000
WDU 2.5N OR	orange	100	1023760000
WDU 2.5N ZQV BL	blue	100	1040880000
WDK 4N			
WDU 4N BL	blue	100	1042680000
WDK 4N OR	orange	100	1041960000
WDU 16			
WDU 16N BL	blue	50	1036180000
WDU 35			
WDU 35N BL	blue	20	1040480000
WDU 35N KB BL	blue	20	1836550000

Pre-fitted terminal blocks



Readily assembled and marked terminal blocks are available as a standard feature for smaller cross-section ranges.
Installation times can be reduced by simply slotting in complete blocks. The rating data depends on the corresponding terminal type.

Important!

- Tolerances for mounting must be heeded in project planning. A mounting tolerance of +0.1 mm must be expected for each terminal.
- In terminal blocks marked 1 - 9, the 10th terminal is free for decade marking
- Terminal blocks WDU 70/95 and WDU 120/150 for direct mounting only.
  For direct mounting without the terminal rail please take note of the drilling plan. Fix with screw M6x16.
  (Order No. 1063700000/ VPE 20)

WDU 2.5	Qty.	Order No.	Description
WDU 2.5/10 BEZ	10	**1020700000**	10 x WDU 2.5, identified by printed marking strip DEK 5 (nos. 1 – 9)
WDU 2.5/10 BEZ/NE	10	**1020800000**	10 x WDU 2.5, with blank marking strip DEK 5
WDK 2.5			
WDK 2.5/10	10	**1025700000**	10 x WDK 2.5 (WQV), with blank marking strip DEK 5
WDU 4			
WDU 4/10/BEZ	10	**1020900000**	10 x WDK 2.5 (ZQV), identified by printed marking strip DEK (nos. 1-9)
WDU 4/10	10	**1021000000**	10 x WDU 4, identified by printed marking strip DEK 6
WMA 4/4	20	**1034000000**	3 x WDU 4 (marked L1, L2, L3), WPE 4 (marked PE)
WMA 4/5	20	**1033800000**	3 x WDU 4 (marked L1,L2,L3), DEU 4 in blue (identified by N), WPE 4 (marked PE)
WDU 70/95			
WDU 70/95/3	4	**1026700000**	3 x WDU 70/95
WDU 70/95/5/N	2	**1032300000**	mains terminal block, 3x WDU 70/95 dark beige, 1x WDU 70/95 blue, 1 x WDU 70/95 green
WDU 120/150			
WDU 120/150/5	2	**1026600000**	5 x WDU 120/150
WDU 120/150/5/N	2	**1032400000**	mains terminal block, 3 x WDU 120/150 dark beige, 1 x WDU 120/150 blue, 1 x WDU 120/150 green
WDL 2.5			
WDL 2.5/3/S/NT/L/PE	25	**1034200000**	3 x WDL 2.5/S/NT/L/PE
WDL 2.5/2/NT/L/PE-L/L	20	**1034100000**	WDL 2.5/S/NT/L/PE and WDL 2.5/S/L/L
AKZ 4			
AKZ 4/10	10	**0359560000**	10 x AKZ 4
AKZ 4/10/BEZ	10	**0359660000**	10 x AKZ 4, identified by printed marking strips DEK 5 (nos. 1-9)