

D-SERIES

Industrial relay modules

Digital signal processing

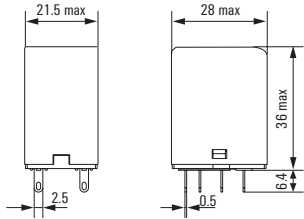


D-SERIES relay modules

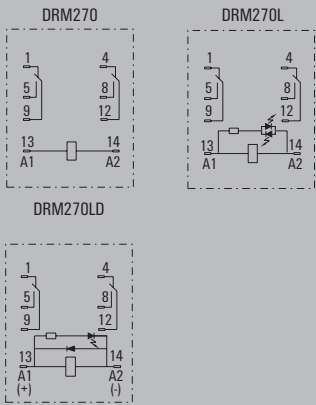
D-SERIES relay modules		
	DRM - Relay modules 2CO, AC/DC coil	4
	DRM - Relay modules 4CO, AC/DC coil	6
	DRM - Accessories	8
	DRL - Relay modules 1CO or 2CO, AC/DC coil	10
	DRL - Relay modules 3CO or 4CO, AC/DC coil	12
	DRL - Accessories	14
	DRW - Relay modules 2CO or 3CO, AC/DC coil	16
	DRH - Relay modules 1NO or 1NC, AC/DC coil	18
	DRH - Relay modules 2NO or 1NO/1NC, AC/DC coil	20
	DRW/DRH - Accessories	22
	DRR - Relay modules 2CO, AC/DC coil	24
	DRR - Relay modules 3CO, AC/DC coil	26
	DRR - Accessories	28
	PWR - Relay modules 1NO, AC/DC coil	30
	PWR - Relay modules 2NO, AC/DC coil	32

DRM 270 Relay
2 CO, AC/DC coil

- Small size with high switching power
- Wide coil input voltage range
- Optional test lever (AC red, DC blue)
- Optional status LED (AC red, DC green)
- Optional suppressor diode

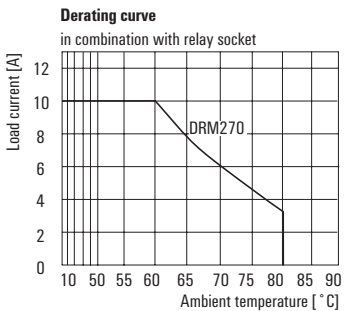
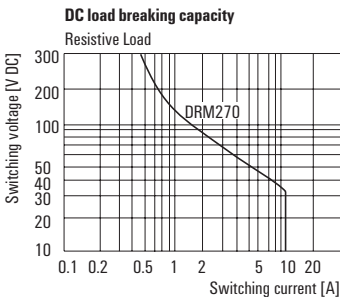
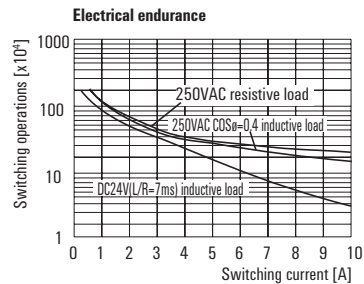


Circuit diagram



Output	
Continuous current / Max. switching voltage AC	10 A / 250 V AC
Max. switching power	2500 VA, 300 W
Contact resistance (initial)	≤ 50 mΩ
Min. switching power	12 V / 10 mA or 5 V / 1 mA (hard gold-plated contact)
Contact material	AgNi or AgNi 5µm Au
Electrical endurance / Mechanical endurance	> 25×10 ⁴ (1800 Ops/h) / > 2×10 ⁷ (18000 Ops/h)
Switch-on / switch-off delay at rated voltage	≤ 20 ms / ≤ 20 ms
Initial voltage between homopolar contacts / heteropolar contacts / input and output	2000 V AC/1 min / 1000 V AC/1 min / 2000 V AC/1 min (leakage current: 1 mA)
Input	
Response voltage @ 25 °C	DC: ≥ 75 % of rated voltage, AC: ≥ 80 % of rated voltage
Dropout voltage @ 25 °C	DC: ≥ 10 % of rated voltage, AC: ≥ 30 % of rated voltage
Max. voltage @ 25 °C	110 % of rated voltage
Insulation resistance	≥ 1000 MΩ
Coil power consumption	DC: ≤ 0.9 W, AC: 1.2 VA
General	
Ambient temperature	DC: -40 °C...+60 °C, AC: -40 °C...+55 °C
Storage temperature	-40 °C...+70 °C
Humidity	35 %~85 % RH
Atmospheric pressure	86-106 KPa
Shock resistance	10 G (half wave of sine pulse: 11 ms)
Vibration resistance	10~55 Hz dual amplitude: 1.0 mm 10~55 Hz
Weight	35 g
Packing unit	20 pcs
Approvals	cURus, TÜV
Dimension	
Depth x Width x Height	mm 36 / 21.5 / 28
Note	

Applications



DRM 270 Relay
2 CO AC/DC coil

Type code		DRM					
Type	DRM						
Type of construction	270 2 change over contact						
Coil voltage	006	6 V DC / 012	12 V DC				
	024	24 V DC / 048	48 V DC				
	110	110 V DC / 220	220 V DC				
	524	24 V AC / 548	48 V AC				
	615	115 V AC / 730	230 V AC				
LED	L (Red for AC coil; green for DC coil)						
Test lever	T (Red for AC coil; green for DC coil)						
Suppressor diode	D						

Ordering data

Input	12 V DC 2CO	24 V DC 2CO	48 V DC 2CO	110 V DC 2CO	220 V DC 2CO
Rated voltage	12 V DC	24 V DC	48 V DC	110V DC	220V DC
Rated current	75 mA	36.9 mA	18.5 mA	10 mA	5.2 mA
Coil resistance	160 $\Omega \pm 10 \%$	650 $\Omega \pm 10 \%$	2,600 $\Omega \pm 10 \%$	11,000 $\Omega \pm 10 \%$	44,000 $\Omega \pm 10 \%$
Response / dropout voltage	9 V / 1.2 V	18 V / 2.4 V	36 V / 4.8 V	82.5 V / 11 V	165 V / 22 V
Max. voltage	13.2 V	26.4 V	52.8 V	121.0 V	242 V
Power consumption	0.9 W	0.9 W	0.9 W	0.9 W	0.9 W

Ordering data						
Standard	Type	DRM270012	DRM270024	DRM270048	DRM270110	DRM270220
	Order No.	7760056050	7760056051	7760056052	7760056053	7760056054
With LED	Type	DRM270012L	DRM270024L	DRM270048L	DRM270110L	DRM270220L
	Order No.	7760056059	7760056060	7760056061	7760056062	7760056063
With LED and test lever	Type	DRM270012LT	DRM270024LT	DRM270048LT	DRM270110LT	DRM270220LT
	Order No.	7760056068	7760056069	7760056070	7760056071	7760056072
With LED and suppressor diode	Type		DRM270024LD			
	Order No.		7760056077			
With LED, gold plated contact	Type		DRM270024L Au			
	Order No.		7760056183			
With LED and test lever, gold plated contact	Type		DRM270024LT Au			
	Order No.		7760056185			
Note						

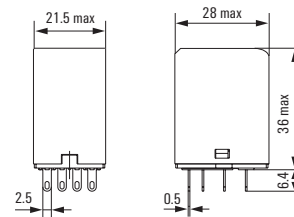
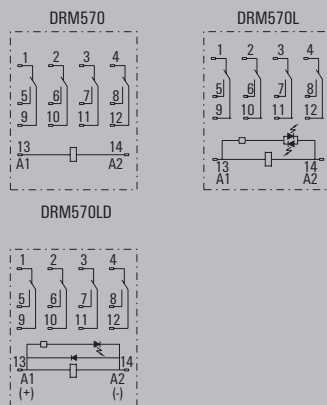
Ordering data

Input	24 V AC 2CO	48 V AC 2CO	115 V AC 2CO	230 V AC 2CO
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC
Rated current (50 Hz / 60 Hz)	62.4 mA/52.2 mA	33.3 mA/27.8 mA	12.6 mA/10.8 mA	6.1 mA/5.2 mA
Coil resistance	160 $\Omega \pm 10 \%$	600 $\Omega \pm 10 \%$	3,750 $\Omega \pm 10 \%$	16,000 $\Omega \pm 10 \%$
Response / dropout voltage	19.2 V / 7.2 V	38.4 V / 14.4 V	92 V / 34.5 V	184 V / 69 V
Max. voltage	26.4 V	52.8 V	126.5 V	253 V
Power consumption	1.0~1.2 VA(60 Hz)	1.0~1.2 VA(60 Hz)	1.0~1.2 VA(60 Hz)	1.0~1.2 VA(60 Hz)

Ordering data					
Standard	Type	DRM270524	DRM270548	DRM270615	DRM270730
	Order No.	7760056055	7760056056	7760056057	7760056058
With LED	Type	DRM270524L	DRM270548L	DRM270615L	DRM270730L
	Order No.	7760056064	7760056065	7760056066	7760056067
With LED and test lever	Type	DRM270524LT	DRM270548LT	DRM270615LT	DRM270730LT
	Order No.	7760056073	7760056074	7760056075	7760056076
With LED, gold plated contact	Type				DRM270730L Au
	Order No.				7760056184
With LED and test lever, gold plated contact	Type				DRM270730LT Au
	Order No.				7760056186
Note					

DRM 570 Relay**4 CO AC/DC coil**

- Small size with high switching power
- Wide coil input voltage range
- Optional test lever (AC red, DC blue)
- Optional status LED (AC red, DC green)
- Optional suppressor diode

**Circuit diagram****Output**

Continuous current / Max. switching voltage AC	10 A / 250 V AC
Max. switching power	2500 VA, 300 W
Contact resistance (initial)	≤ 50 mΩ
Min. switching power	12 V / 10 mA or 5 V / 1 mA (hard gold-plated contact)
Contact material	AgNi or AgNi 5μm Au
Electrical endurance / Mechanical endurance	> 25×10 ⁴ (1800 Ops/h) / > 2×10 ⁷ (18000 Ops/h)
Switch-on / switch-off delay at rated voltage	≤ 20 ms / ≤ 20 ms
Initial voltage between homopolar contacts / heteropolar contacts / input and output	2000 V AC/1 min / 1000 V AC/1 min / 2000 V AC/1 min (leakage current: 1 mA)

Input

Response voltage @ 25 °C	DC: ≥ 75 % of rated voltage, AC: ≥ 80 % of rated voltage
Dropout voltage @ 25 °C	DC: ≥ 10 % of rated voltage, AC: ≥ 30 % of rated voltage
Max. voltage @ 25 °C	110 % of rated voltage
Insulation resistance	≥ 1000 MΩ
Coil power consumption	DC: ≤ 0.9 W, AC: 1.2 VA

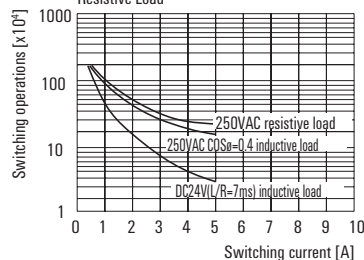
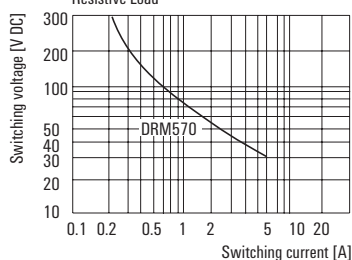
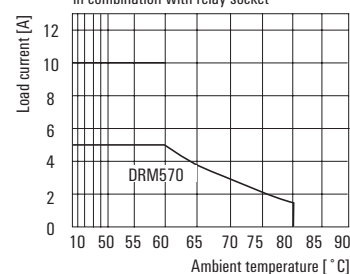
General

Ambient temperature	DC: -40 °C...+60 °C, AC: -40 °C...+55 °C
Storage temperature	-40 °C...+70 °C
Humidity	35 %~85 % RH
Atmospheric pressure	86-106 KPa
Shock resistance	10 G (half wave of sine pulse: 11 ms)
Vibration resistance	10~55 Hz dual amplitude: 1.0 mm 10~55 Hz

Weight	35 g
Packing unit	20 pcs
Approvals	cURus, TÜV

Dimension

Depth x Width x Height	mm 36 / 21.5 / 28
------------------------	-------------------

Note**Applications****Electrical endurance**
Resistive Load**DC load braking capacity**
Resistive Load**Derating curve**
in combination with relay socket

DRM 570 Relay
4 CO AC/DC coil

Type code		DRM									
Type	DRM										
Type of construction											
	570	4 change over contact									
Coil voltage	006	6 V DC / 012	12 V DC								
	024	24 V DC / 048	48 V DC								
	110	110 V DC / 220	220 V DC								
	524	24 V AC / 548	48 V AC								
	615	115 V AC / 730	230 V AC								
LED	L (Red for AC coil; green for DC coil)										
Test lever	T (Red for AC coil; green for DC coil)										
Suppressor diode	D										

Ordering data

Input	12 V DC 4CO	24 V DC 4CO	48 V DC 4CO	110 V DC 4CO	220 V DC 4CO
Rated voltage	12 V DC	24 V DC	48 V DC	110V DC	220V DC
Rated current (50 Hz / 60 Hz)	75 mA	36.9 mA	18.5 mA	10 mA	5.2 mA
Coil resistance	160 $\Omega \pm 10 \%$	630 $\Omega \pm 10 \%$	2,600 $\Omega \pm 10 \%$	11,000 $\Omega \pm 10 \%$	42,000 $\Omega \pm 10 \%$
Response / dropout voltage	9 V / 1.2 V	18 V / 2.4 V	36 V / 4.8 V	82.5 V / 11 V	165 V / 22 V
Max. voltage	13.2 V	26.4 V	52.8 V	121.0 V	242 V
Power consumption	0.9 W	0.9 W	0.9 W	0.9 W	0.9 W

Ordering data						
Standard	Type	DRM570012	DRM570024	DRM570048	DRM570110	DRM570220
	Order No.	7760056078	7760056079	7760056080	7760056081	7760056082
With LED	Type	DRM570012L	DRM570024L	DRM570048L	DRM570110L	DRM570220L
	Order No.	7760056087	7760056088	7760056089	7760056090	7760056091
With LED and test lever	Type	DRM570012LT	DRM570024LT	DRM570048LT	DRM570110LT	DRM570220LT
	Order No.	7760056096	7760056097	7760056098	7760056099	7760056100
With LED and suppressor diode	Type		DRM570024LD			
	Order No.		7760056105			
With LED, gold plated contact	Type		DRM570024L Au			
	Order No.		7760056187			
With LED and test lever, gold plated contact	Type		DRM570024LT Au			
	Order No.		7760056189			
Note						

Ordering data

Input	24 V AC 4CO	48 V AC 4CO	115 V AC 4CO	230 V AC 4CO
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC
Rated current (50 Hz / 60 Hz)	62.4 mA/52.2 mA	33.3 mA/27.8 mA	12.6 mA/10.8 mA	6.1 mA/5.2 mA
Coil resistance	160 $\Omega \pm 10 \%$	615 $\Omega \pm 10 \%$	4,340 $\Omega \pm 10 \%$	15,000 $\Omega \pm 10 \%$
Response / dropout voltage	19.2 V / 7.2 V	38.4 V / 14.4 V	92 V / 34.5 V	184 V / 69 V
Max. voltage	26.4 V	52.8 V	126.5 V	253 V
Power consumption	1.0~1.2 VA(60 Hz)	1.0~1.2 VA(60 Hz)	1.0~1.2 VA(60 Hz)	1.0~1.2 VA(60 Hz)

Ordering data					
Standard	Type	DRM570524	DRM570548	DRM570615	DRM570730
	Order No.	7760056083	7760056084	7760056085	7760056086
With LED	Type	DRM570524L	DRM570548L	DRM570615L	DRM570730L
	Order No.	7760056092	7760056093	7760056094	7760056095
With LED and test lever	Type	DRM570524LT	DRM570548LT	DRM570615LT	DRM570730LT
	Order No.	7760056101	7760056102	7760056103	7760056104
With LED, gold plated contact	Type				DRM570730L Au
	Order No.				7760056188
With LED and test lever, gold plated contact	Type				DRM570730LT Au
	Order No.				7760056190
Note					

Accessories for DRM relays

Ordering data

Technical data	
Rated current	2CO/4CO
Rated voltage	
Dielectric strength for input - output	
Insulating material group (VDE 0110b)	
Ambient temperature	
Protection class	
Wire cross section / with wire end ferrule	
Max. torque	
Packing unit	
Description	
Socket, snaps onto DIN-rail, 2CO	
Socket, snaps onto DIN-rail, 4CO	

Metal clip (recommended in applications with vibrations)

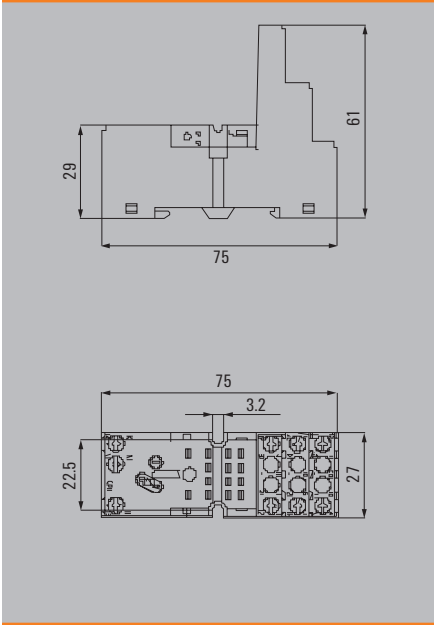
Type
DRM clip M (for DRM relay)



Technical data	
4 x 6 A, 2 x 12 A	
300 V AC	
>4000 Vrms	
C / 250 V AC	
-40...+70 °C	
IP 20	
2 x 2.5 mm ² / 2 x 1.5 mm ²	
0.5 Nm / 0.8 Nm	
10 pcs.	
Type	Order No.
SCM ECO 2CO	7760056263
SCM ECO 4CO	7760056264

Technical data	
Type	Order No.
	7760056108

Dimensions in mm



Ordering data

Technical data	
Rated current	2CO/4CO
Rated voltage	
Dielectric strength for input - output	
Dielectric strength between the contacts	
Max. torque	
Wire cross section	
Ambient temperature (operational)	
Weight	2CO/4CO
Packing unit	
Description	
Socket, snaps onto DIN-rail, 2CO	
Socket, snaps onto DIN-rail, 4CO	

Metal clip (recommended in applications with vibrations)

Type
DRM clip M (for DRM relay)

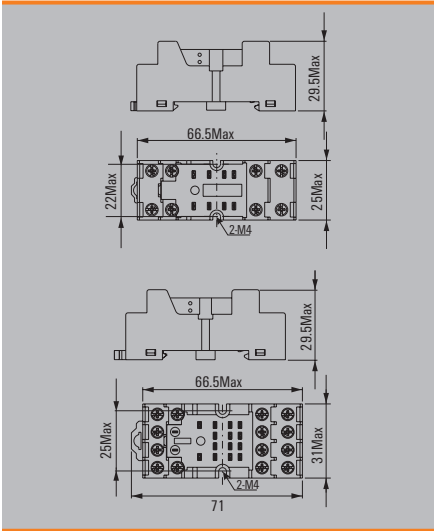
Functional modules

Technical data	
Suppressor diode 6...230 V DC	
RC-combined protection 110...230 V AC	
RC-combined protection 110...230 V AC with LED	
Green LED 6...24 V DC with suppressor diode	
Green LED 24...60 V DC with suppressor diode	
Green LED 110...230 V DC with suppressor diode	
Green LED 6...24 V DC / V AC	
Green LED 24...60 V DC / V AC	
Green LED 110...230 V DC / V AC	
Not for FS 2CO socket	

12 A/10 A		
300 V AC		
2500 Vrms		
2500 Vrms		
0.5 Nm/0.8 Nm		
0.5-2.5 mm ²		
-40 °C...+70 °C		
35 g/43 g		
20 pcs		
Type	Qty.	Order No.
FS 2CO*	10	7760056106
FS 4CO	10	7760056107
* Functional module is not suitable for this type of sockets.		

Technical data	
Type	Order No.
	7760056108

Dimensions in mm



DRM clip M

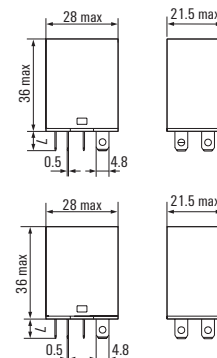


DRL Power Relay

1C0 AC/DC coil

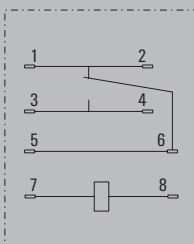
2C0 AC/DC coil

- High wear resistivity for AC loads
- High dielectric strength: 2,000 V

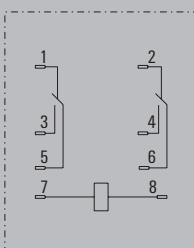


Circuit diagram

1C0



2C0



Output

Max. switching voltage	250 V AC
Continuous current	16 A @ 1C0 / 10 A @ 2C0
Contact material	AgCdO
Min. switching power	12 V / 100 mA
Contact resistance (initial)	< 50 mΩ
Electrical endurance	> 10 × 10 ⁴ cycles (1,800 cycles / hour)
Switch-on / switch-off delay	< 20 ms / < 20 ms

Input

Response voltage @ 25 °C	AC: ≤ 80 % of rated voltage DC: ≤ 75 % of rated voltage
Dropout voltage @ 25 °C	AC: ≥ 30 % of rated voltage DC: ≥ 10 % of rated voltage
Max. voltage @ 25 °C	110 % of rated voltage
Coil power consumption	1.2 VA / 0.9 W

General

Ambient temperature (operational)	- 25 ... 55 °C
Storage temperature	- 25 ... 55 °C
Humidity	35 ... 85 %
Dielectric strength	Input - output 2000 V AC / 1 min Between N.O. contacts 1000 V AC / 1 min Between adjacent contacts 2000 V AC / 1 min
Clearance / creepage distance	1.5 mm / 4 mm
Insulation coordination IEC60664	Rated voltage 250 V Pollution severity 3 Over voltage class III
Vibration resistance	10~55 Hz dual amplitude: 1.0 mm
Shock resistance	10 G (half wave of sine pulse: 11 ms)
Approval	CE; TÜV; UL
Weight	35 g
Packing unit	20 pcs

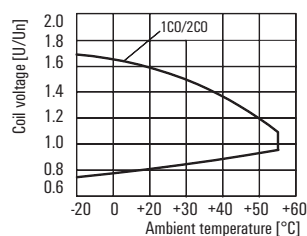
Dimension

Depth x Width x Height	mm 36 / 21.5 / 28
------------------------	-------------------

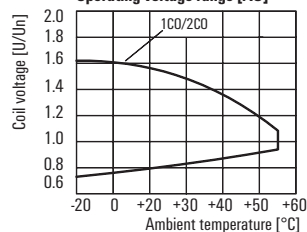
Note

Applications

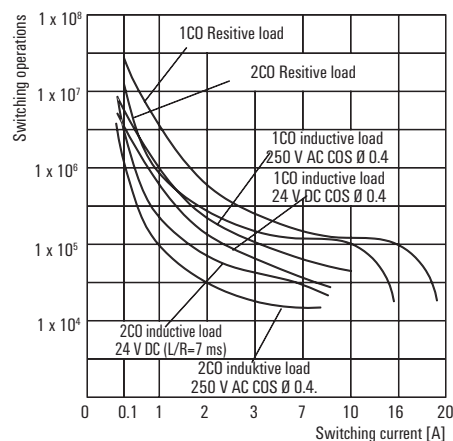
Operating voltage range [DC]



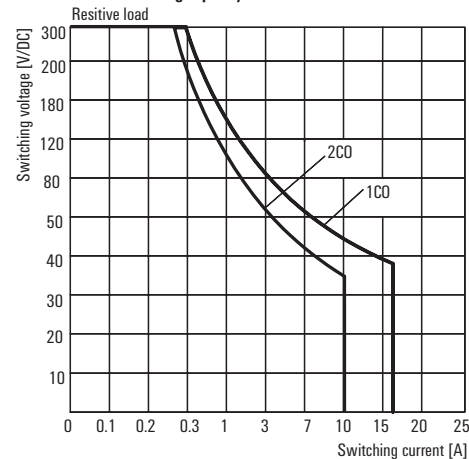
Operating voltage range [AC]



Electrical endurance



DC load breaking capacity



DRL Power Relay
1CO AC/DC coil
2CO AC/DC coil

Type code	DRL			
Type	DRL			
Type of construction	170 1 change over contact			
	270 2 change over contacts			
Coil voltage	012 12 V DC / 024 24 V DC			
	048 48 V DC / 110 110 V DC			
	220 220 V DC / 524 24 V AC			
	615 115 V AC / 730 230 V AC			
LED indicator	L			

Ordering data

Input	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
Rated voltage	12 V DC	24 V DC	48 V DC	110V DC	220V DC
Response / dropout voltage	9 V / 1.2 V	18 V / 2.4 V	36 V / 4.8 V	82.5 V / 11 V	165 V / 22 V
Power consumption	0.9 W	0.9 W	0.9 W	0.9 W	0.9 W
Rated current	75 mA	36.9 mA	18.5 mA	10 mA	5.2 mA
Coil resistance	160 $\Omega \pm 10 \%$	650 $\Omega \pm 10 \%$	2,600 $\Omega \pm 10 \%$	11,000 $\Omega \pm 10 \%$	42,000 $\Omega \pm 10 \%$

Ordering data					
1 change over contact Type	DRL170012L	DRL170024L	DRL170048L	DRL170110L	DRL170220L
1CO Order No.	1133450000	1133460000	1133470000	1133480000	1133490000
2 change over contact Type	DRL270012L	DRL270024L	DRL270048L	DRL270110L	DRL270220L
2CO Order No.	1133510000	1133520000	1133530000	1133540000	1133550000

--	--	--	--	--	--

Ordering data

Input	24 V AC	115 V AC	230 V AC
Rated voltage	24 V AC	115 V AC	230 V AC
Response / dropout voltage	19.2 V / 7.2 V	92 V / 34.5 V	184 V / 69 V
Power consumption	1.2 VA	1.2 VA	1.2 VA
Rated current (50 Hz)	54 mA	12.9 mA	6.8 mA
Coil resistance	160 $\Omega \pm 10 \%$	3,750 $\Omega \pm 10 \%$	13,000 $\Omega \pm 10 \%$

Ordering data			
1 change over contact Type	DRL170524L	DRL170615L	DRL170730L
1CO Order No.	1133840000	1133850000	1133860000
2 change over contact Type	DRL270524L	DRL270615L	DRL270730L
2CO Order No.	1133870000	1133880000	1133890000

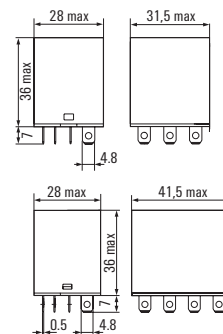
--	--	--	--

DRL Power Relay

3 CO AC/DC coil

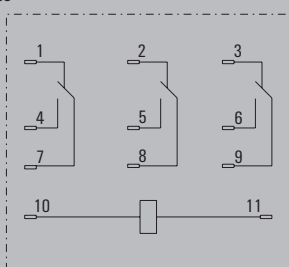
4 CO AC/DC coil

- High wear resistivity for AC loads
- High dielectric strength: 2,000 V

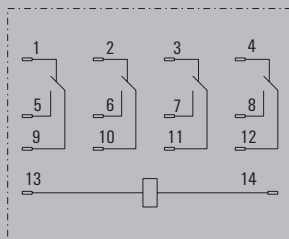


Circuit diagram

3CO



4CO



Output

Max. switching voltage	250 V AC
Continuous current	10 A
Contact material	AgCdO
Min. switching power	12 V / 100 mA
Contact resistance (initial)	< 50 mΩ
Electrical endurance	> 10 × 10 ⁴ cycles (1,800 cycles / hour)
Switch-on / switch-off delay	< 20 ms / < 20 ms

Input

Response voltage @ 25 °C	AC: ≤ 80 % of rated voltage DC: ≤ 75 % of rated voltage
Dropout voltage @ 25 °C	AC: ≥ 30 % of rated voltage DC: ≥ 10 % of rated voltage
Max. voltage @ 25 °C	110 % of rated voltage
Coil power consumption	3CO: 2 VA / 1.4 W; 4CO: 2.5 VA / 1.5 W

General

Ambient temperature (operational)	- 25 ... 55 °C
Storage temperature	- 25 ... 55 °C
Humidity	35 ... 85 %
Dielectric strength	Input - output 2000 V AC / 1 min Between N.O. contacts 1000 V AC / 1 min Between adjacent contacts 2000 V AC / 1 min
Clearance / creepage distance	1.5 mm / 4 mm
Insulation coordination IEC60664	Rated voltage 250 V Pollution severity 3 Over voltage class III

Vibration resistance	10~55 Hz dual amplitude: 1.0 mm
Shock resistance	10 G (half wave of sine pulse: 11 ms)
Approval	CE; TÜV; UL
Weight	3CO: 50 g; 4CO: 65 g
Packing unit	10

Dimension

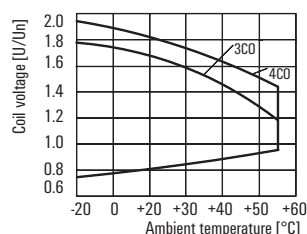
Depth x Width x Height	mm 36 / x / 28
------------------------	----------------

Note

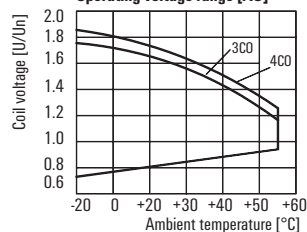
x = 31.5 3CO / 41.5 4CO

Applications

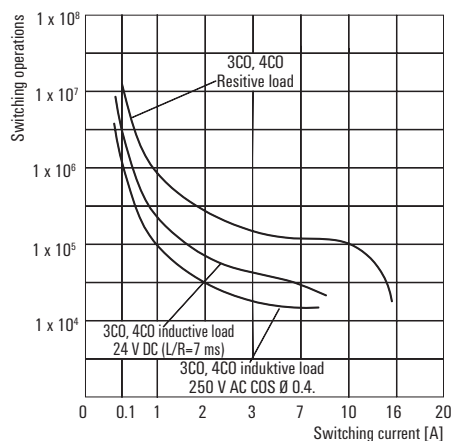
Operating voltage range [DC]



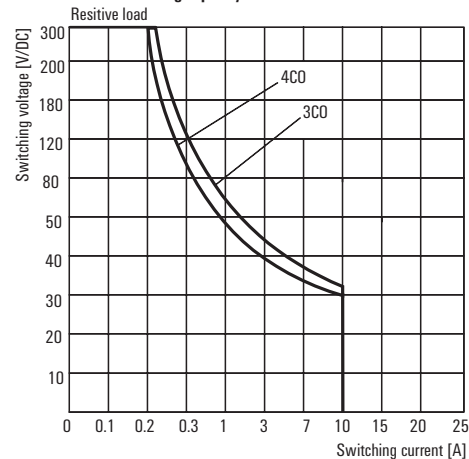
Operating voltage range [AC]



Electrical endurance



DC load breaking capacity



DRL Power Relay
3 CO AC/DC coil
4 CO AC/DC coil

Type code	DRL			
Type	DRL			
Type of construction	370 3 change over contact			
	570 4 change over contacts			
Coil voltage	012 12 V DC / 024 24 V DC			
	048 48 V DC / 110 110 V DC			
	220 220 V DC / 524 24 V AC			
	615 115 V AC / 730 230 V AC			
LED indicator	L			

Ordering data

Input	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
Rated voltage	12 V DC	24 V DC	48 V DC	110V DC	220V DC
Response / dropout voltage	9 V / 1.2 V	18 V / 2.4 V	36 V / 4.8 V	82.5 V / 11 V	165 V / 22 V
	3CO 4CO	3CO 4CO	3CO 4CO	3CO 4CO	3CO 4CO
Power consumption	1.4 W 1.5 W	1.4 W 1.5 W	1.4 W 1.5 W	1.4 W 1.5 W	1.4 W 1.5 W
Rated current	120 mA 125 mA	60 mA 66.7 mA	30 mA 31.2 mA	13.1 mA 16.2 mA	6.7 mA 7.6 mA
Coil resistance	100 Ω ±10 % 96 Ω ±10 %	400 Ω ±10 % 360 Ω ±10 %	1,600 Ω ±10 % 1,540 Ω ±10 %	8,400 Ω ±10 % 6,800 Ω ±10 %	33,000 Ω ±10 % 29,000 Ω ±10 %

Ordering data					
3 change over contacts Type	DRL370012L	DRL370024L	DRL370048L	DRL370110L	DRL370220L
3CO Order No.	1133570000	1133580000	1133590000	1133600000	1133610000
4 change over contacts Type	DRL570012L	DRL570024L	DRL570048L	DRL570110L	DRL570220L
4CO Order No.	1133620000	1133630000	1133640000	1133650000	1133660000

Ordering data

Input	24 V AC	115 V AC	230 V AC
Rated voltage	24 V AC	115 V AC	230 V AC
Response / dropout voltage	19.2 V / 7.2 V	92 V / 34.5 V	184 V / 69 V
	3CO 4CO	3CO 4CO	3CO 4CO
Power consumption	2 VA 2.5 VA	2 VA 2.5 VA	2 VA 2.5 VA
Rated current (50 Hz)	80 mA 93.5 mA	16 mA 25.5 mA	10 mA 13.1 mA
Coil resistance	102 Ω ±10 % 80 Ω ±10 %	2,300 Ω ±10 % 1,680 Ω ±10 %	8,600 Ω ±10 % 6,700 Ω ±10 %

Ordering data			
3 change over contacts Type	DRL370524L	DRL370615L	DRL370730L
3CO Order No.	1133910000	1133920000	1133930000
4 change over contact Type	DRL570524L	DRL570615L	DRL570730L
4CO Order No.	1133940000	1133950000	1133960000

Accessories for DRL relay



Ordering data

Technical data	
Rated voltage	300 V
Rated current	10 A
Dielectric strength for input - output	2,000 V
Dielectric strength between the contacts	2,500 V
Ambient temperature (operational)	-40 ... 85 °C
Pollution severity	2
Over voltage class	III
Max. torque	1.0 Nm
Wire cross section	0.5 ... 2.5 mm ²
Protection class (IEC 61810)	IP20
Approvals	CE , cURus
Description	
Socket, snaps onto DIN-rail, 2CO	
Socket, snaps onto DIN-rail, 3CO	
Socket, snaps onto DIN-rail, 4CO	

Type	Qty.	Order No.
SLD F 2CO	10	7760056225
SLD F 3CO	10	7760056226
SLD F 4CO	10	7760056227

Ordering data

Technical data	
Metal clips SLD F 2CO	
Metal clips SLD F 3CO	
Metal clips SLD F 4CO	

	Order No.
SLD clip 2CO	7760056108
SLD clip 3CO	7760056234
SLD clip 4CO	7760056235

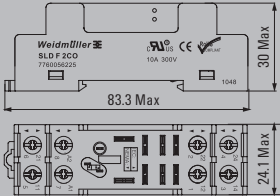
Ordering data

Technical data	
Suppressing diode 6...230 V DC, for SLD F 2CO/3CO	
RC element 110...230 V AC, for SLD F 2CO/3CO	
RC element 6 ... 230 V AC, for SLD F 4CO	
Suppressing diode 6...230 V DC, for SLD F 4CO	

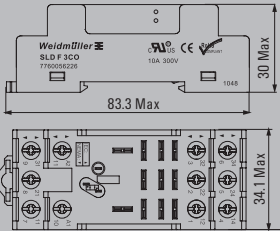
Type	Order No.
RIM 1 6/230 V DC	7760056169
RIM 3 110/230 V AC	7760056014
RIM 5 6/230 V AC	1174670000
RIM 5 6/230 V DC	1174650000

Dimensions in mm

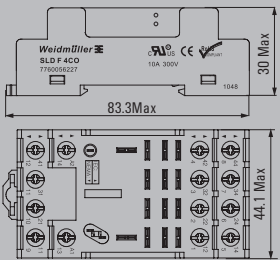
SLD F 2CO



SLD F 3CO



SLD F 4CO

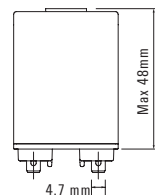
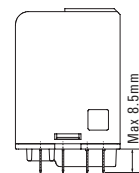
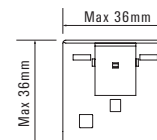


Resistive Load DRW power relay

2 CO AC/DC coil

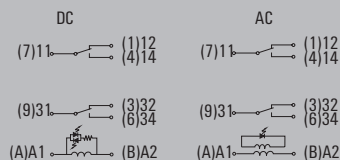
3 CO AC/DC coil

- Suitable to switch high voltage load
- With LED and test lever

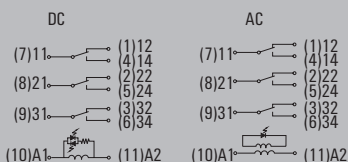


Circuit diagram

2CO



3CO



Output

Max. switching voltage	400 V AC
Continuous current	16 A@ 400 V AC; 16 A@ 30 V DC
Contact material	AgCdO
Min. switching power	12 V DC / 100 mA
Contact resistance (initial)	< 50 mΩ
Electrical endurance	> 10 × 10 ⁴ cycles
Switch-on / switch-off delay	< 20 ms / < 10 ms
Max. switching frequency at rated load	1 Hz

Input

Response voltage @ 25 °C	AC: ≤ 80 % of rated voltage DC: ≤ 75 % of rated voltage
Dropout voltage @ 25 °C	AC: ≥ 30 % of rated voltage DC: ≥ 10 % of rated voltage
Max. voltage @ 25 °C	110 % of rated voltage
Coil power consumption	2.5 VA / 1.5 W

General

Ambient temperature (operational)	-40 ... 60 °C
Storage temperature	-40 ... 60 °C
Humidity	35 ... 85 %
Dielectric strength	Input - output 4000 V AC / 1 min Between N.O. contacts 2500 V AC / 1 min Between adjacent contacts 4000 V AC / 1 min
Clearance / creepage distance	3.5 mm / 6 mm
Insulation coordination IEC60664	Rated voltage 400 V Pollution severity 3 Over voltage class III

Vibration resistance	10~55 Hz dual amplitude: 1.0 mm
Shock resistance	10 G (half wave of sine pulse: 11 ms)
Approval	CE; TÜV; cURus
Weight	51 g

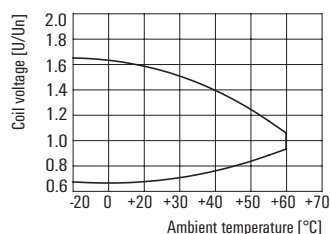
Dimension

Depth x Width x Height	mm 48 / 36 / 36
------------------------	-----------------

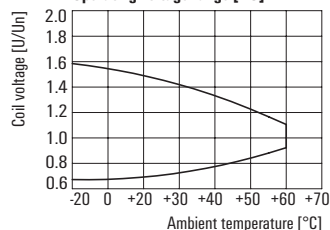
Note

Applications

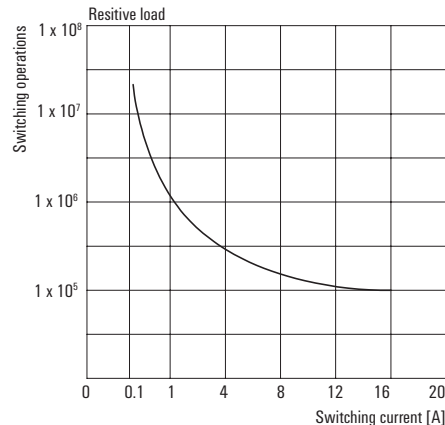
Operating voltage range [DC]



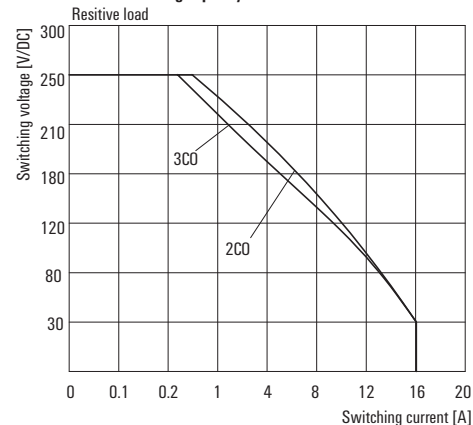
Operating voltage range [AC]



Electrical endurance



DC load breaking capacity



DRW power relay
2 CO AC/DC coil
3 CO AC/DC coil

Type code	DRW			
Type	DRW			
Type of construction	270 2CO 174 1NC			
Coil voltage	012 12 V DC / 024 24 V DC 048 48 V DC / 110 110 V DC 220 220 V DC / 524 24 V AC 548 48 V AC / 615 115 V AC 730 230 V AC / 900 400 V AC			
With LED and test lever	LT			

Ordering data

Input	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
Rated voltage	12 V DC	24 V DC	48 V DC	110V DC	220V DC
DC response / dropout voltage	9 V / 1.2 V	8 V / 2.4 V	36 V / 4.8 V	82.5 V / 11 V	115 V / 22 V
Power consumption	1.5 W	1.5 W	1.5 W	1.5 W	1.5 W
DC rated current	120 mA	60 mA	30 mA	13.03 mA	6.7 mA
Coil resistance	100 Ω ±10 %	400 Ω ±10 %	1,600 Ω ±10 %	8,400 Ω ±10 %	33,000 Ω ±10 %

Ordering data						
2CO contact	Type	DRW270012LT	DRW270024LT	DRW270048LT	DRW270110LT	DRW270220LT
	Order No.	1219730000	1219740000	1219750000	1219760000	1219770000
3CO contact	Type	DRW370012LT	DRW370024LT	DRW370048LT	DRW370110LT	DRW370220LT
	Order No.	1219780000	1219790000	1219810000	1219820000	1219830000
Test lever blocking clip	Type	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW
	Order No.	7760056249	7760056249	7760056249	7760056249	7760056249

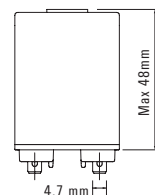
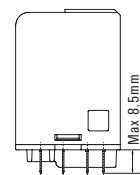
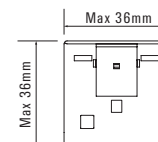
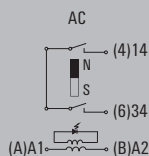
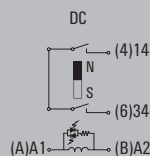
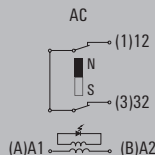
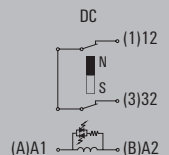
Ordering data

Input	24 V AC	48 V AC	115 V AC	230 V AC	400 V AC
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC	400 V AC
DC response / dropout voltage	19.2V / 7.2 V	38.4 V / 14.4 V	92 V / 34.5 V	184 V / 69 V	320 V / 120 V
Power consumption	2.5 VA	2.5 VA	2.5 VA	2.5 VA	2.5 VA
DC rated current	101.7 mA	51.04 mA	21.2 mA	10.61 mA	6.1 mA
Coil resistance	100 Ω ±10 %	350 Ω ±10 %	2,200 Ω ±10 %	8,000 Ω ±10 %	30,000 Ω ±10 %

Ordering data						
2CO contact	Type	DRW270524LT	DRW270548LT	DRW270615LT	DRW2701730LT	DRW270900LT
	Order No.	1219350000	1219360000	1219370000	1219380000	1219390000
3CO contact	Type	DRW370524LT	DRW370548LT	DRW370615LT	DRW370730LT	DRW370900LT
	Order No.	1219410000	1219420000	1219430000	1219440000	1219450000
Test lever blocking clip	Type	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW
	Order No.	7760056249	7760056249	7760056249	7760056249	7760056249

DRH DC Relay**1 NO AC/DC coil****1 NC AC/DC coil**

- Suitable to switch heavy DC load
- With Blowout magnet
- With LED and test lever
- For switching of high DC loads up to 10 A@ 220 V DC

**Circuit diagram****1NO****1NC****Output**

Max. switching voltage	AC: 500 V; DC: 220 V
Continuous current	16 A@ 500 V AC; 10 A@ 220 V DC
Contact material	AgSnO2
Min. switching power	12 V DC / 100 mA
Contact resistance (initial)	< 50 mΩ
Electrical endurance	> 10 × 10 ⁴ cycles
Switch-on / switch-off delay	< 20 ms / < 20 ms
Max. switching frequency at rated load	1 Hz

Input

Response voltage @ 25 °C	AC: ≤ 80 % of rated voltage DC: ≤ 750 % of rated voltage
Dropout voltage @ 25 °C	AC: ≥ 30 % of rated voltage DC: ≥ 10 % of rated voltage
Max. voltage @ 25 °C	110 % of rated voltage
Coil power consumption	2.5 VA / 1.5 W

General

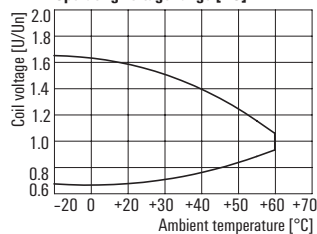
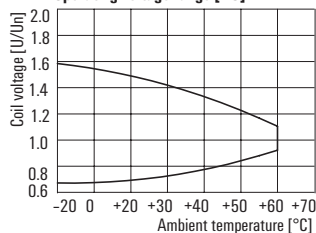
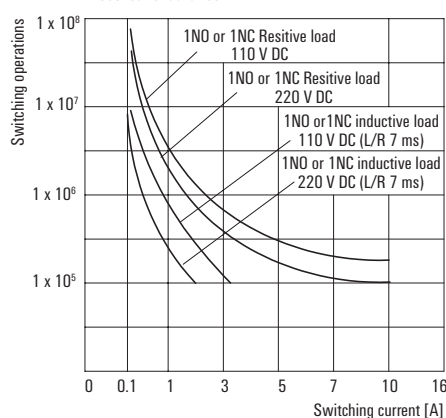
Ambient temperature (operational)	- 40 °C ... 60 °C
Storage temperature	- 40 °C ... 60 °C
Humidity	35 ... 85 %
Dielectric strength	Input - output 4000 V AC / 1 min Between N.O. contacts 2500 V AC / 1 min Between adjacent contacts 4000 V AC / 1 min

Clearance / creepage distance	1.5 mm / 4 mm
Insulation coordination IEC60664	Rated voltage 400 V Pollution severity 3 Over voltage class III

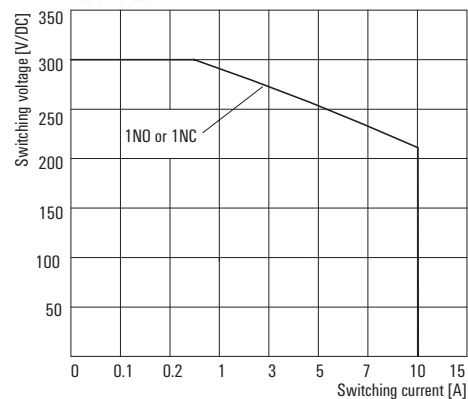
Vibration resistance	10~55 Hz dual amplitude: 1.0 mm
Shock resistance	10 G (half wave of sine pulse: 11 ms)
Approval	CE; TÜV; cURus
Weight	48 g

Dimension

Depth x Width x Height	mm 48 / 36 / 36
------------------------	-----------------

Note**Applications****Operating voltage range [DC]****Operating voltage range [AC]****Electrical endurance****DC Load breaking capacity [DC]**

Resistive load



DRH DC Relay
1 NO AC/DC coil
1 NC AC/DC coil

Type code	DRH			
Type	DRH			
Type of construction	173 1NO			
	174 1NC			
Coil voltage	012 12 V DC / 024 24 V DC			
	048 48 V DC / 110 110 V DC			
	220 220 V DC / 524 24 V AC			
	548 48 V AC / 615 115 V AC			
	730 230 V AC			
With LED and test lever	LT			

Ordering data

Input	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
Rated voltage	12 V DC	24 V DC	48 V DC	110V DC	220V DC
DC response / dropout voltage	9 V / 1.2 V	18 V / 2.4 V	36 V / 4.8 V	82.5 V / 11 V	165 V / 22 V
Power consumption	1.5 W	1.5 W	1.5 W	1.5 W	1.5 W
DC rated current	120 mA	60 mA	30 mA	13.03 mA	6.7 mA
Coil resistance	100 Ω ±10 %	400 Ω ±10 %	1,600 Ω ±10 %	8,400 Ω ±10 %	33,000 Ω ±10 %

Ordering data						
1NO contact	Type	DRH173012LT	DRH173024LT	DRH173048LT	DRH173110LT	DRH173220LT
	Order No.	1219840000	1219850000	1219860000	1219870000	1219880000
1NC contact	Type	DRH174012LT	DRH174024LT	DRH174048LT	DRH174110LT	DRH174220LT
	Order No.	1219940000	1219950000	1219960000	1219970000	1219980000
Test lever blocking clip	Type	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW
	Order No.	7760056249	7760056249	7760056249	7760056249	7760056249

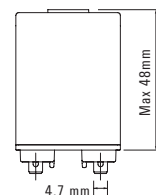
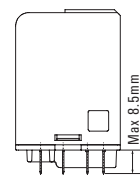
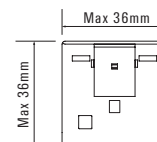
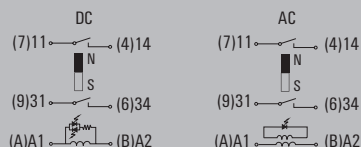
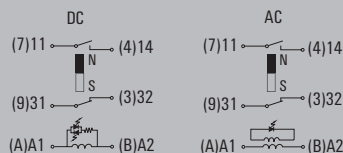
Ordering data

Input	24 V AC	48 V AC	115 V AC	230 V AC
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC
AC response / dropout voltage	19.2 V / 7.2 V	38.4 V / 14.4 V	92 V / 34.5 V	184 V / 69 V
Power consumption	2.5 VA	2.5 VA	2.5 VA	2.5 VA
AC rated current	101.7 mA	51.04 mA	21.2 mA	10.61 mA
Coil resistance	100 Ω ±10 %	350 Ω ±10 %	2,200 Ω ±10 %	8,000 Ω ±10 %

Ordering data					
1NO contact	Type	DRH173524LT	DRH173548LT	DRH173615LT	DRH173730LT
	Order No.	1219890000	1219910000	1219920000	1219930000
1NC contact	Type	DRH174012LT	DRH174024LT	DRH174048LT	DRH174110LT
	Order No.	1219990000	1220010000	1220020000	1220030000
Test lever blocking clip	Type	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW
	Order No.	7760056249	7760056249	7760056249	7760056249

DRH DC Relay**2 NO AC/DC coil****1 NO/ 1 NC AC/DC coil**

- Suitable to switch heavy DC load
- With Blowout magnet
- With LED and test lever
- For switching of high DC loads up to 3 A@ 220 V DC

**Circuit diagram****2NO****1NO/1NC****Output**

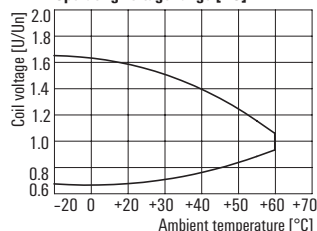
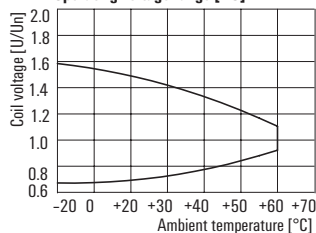
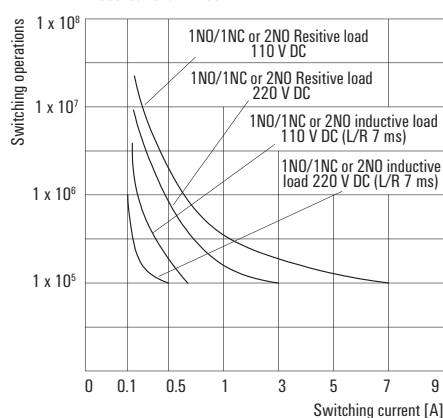
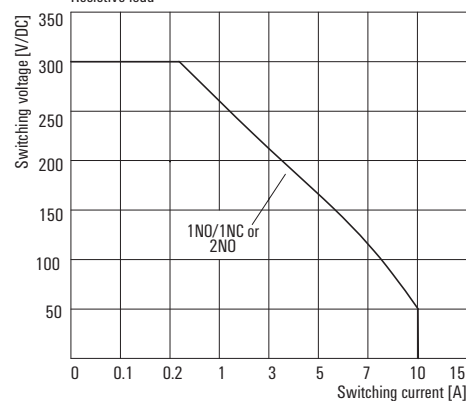
Max. switching voltage	AC: 250 V; DC: 220 V
Continuous current	2NO 16 A@ 250 V AC; 3 A@ 220 V DC
	1NO/1NC 16 A@ 250 V AC; 3 A@ 220 V DC
Contact material	AgSnO2
Min. switching power	12 V DC / 100 mA
Contact resistance (initial)	< 50 mΩ
Electrical endurance	> 10 × 10 ⁴ cycles
Switch-on / switch-off delay	< 20 ms / < 20 ms
Max. switching frequency at rated load	1 Hz

Input

Response voltage @ 25 °C	AC: ≤ 80 % of rated voltage DC: ≤ 750 % of rated voltage
Dropout voltage @ 25 °C	AC: ≥ 30 % of rated voltage DC: ≥ 10 % of rated voltage
Max. voltage @ 25 °C	110 % of rated voltage
Coil power consumption	2.5 VA / 1.5 W

General

Ambient temperature (operational)	-40 ... 60 °C
Storage temperature	-40 ... 60 °C
Humidity	35 ... 85 %
Dielectric strength	Input - output 4000 V AC / 1 min Between N.O. contacts 2500 V AC / 1 min Between adjacent contacts 4000 V AC / 1 min
Clearance / creepage distance	1.5 mm / 4 mm
Insulation coordination IEC60664	Rated voltage 400 V Pollution severity 3 Over voltage class III
Vibration resistance	10~55 Hz dual amplitude: 1.0 mm
Shock resistance	10 G (half wave of sine pulse: 11 ms)
Approval	CE; TÜV; cURus
Weight	48 g
Dimension	Plug-in connection
Depth x Width x Height	mm 48 / 36 / 36

Note**Applications****Operating voltage range [DC]****Operating voltage range [AC]****Electrical endurance****DC Load breaking capacity [DC]****Resistive load**

DRH DC Relay
2 NO AC/DC coil
1 NO/ 1 NC AC/DC coil

Type code	DRH			
Type	DRH			
Type of construction	275 1NO/1NC			
	276 2NO			
Coil voltage	012 12 V DC / 024 24 V DC			
	048 48 V DC / 110 110 V DC			
	220 220 V DC / 524 24 V AC			
	548 48 V AC / 615 115 V AC			
	730 230 V AC			
With LED and test lever	LT			

Ordering data

Input	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
Rated voltage	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
DC response / dropout voltage	9 V / 1.2 V	18 V / 2.4 V	36 V / 4.8 V	82.5 V / 11 V	165 V / 22 V
Power consumption	1.5 W	1.5 W	1.5 W	1.5 W	1.5 W
DC rated current	120 mA	60 mA	30 mA	13.03 mA	6.7 mA
Coil resistance	100 Ω ±10 %	400 Ω ±10 %	1,600 Ω ±10 %	8,400 Ω ±10 %	33,000 Ω ±10 %

Ordering data					
1NO contact/ Type	DRH275012LT	DRH275024LT	DRH275048LT	DRH275110LT	DRH275220LT
1NC contact Order No.	1220040000	1220050000	1220060000	1220070000	1220080000
2NO contact Type	DRH276012LT	DRH276024LT	DRH276048LT	DRH276110LT	DRH276220LT
Order No.	1220140000	1220150000	1220170000	1220180000	1220190000
Test lever blocking clip Type	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW
Order No.	7760056249	7760056249	7760056249	7760056249	7760056249

Ordering data

Input	24 V AC	48 V AC	115 V AC	230 V AC
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC
DC response / dropout voltage	19.2V / 7.2 V	38.4 V / 14.4 V	92 V / 34.5 V	184 V / 69 V
Power consumption	2.5 VA	2.5 VA	2.5 VA	2.5 VA
DC rated current	101.7 mA	51.04 mA	21.2 mA	10.61 mA
Coil resistance	100 Ω ±10 %	350 Ω ±10 %	2,200 Ω ±10 %	8,000 Ω ±10 %

Ordering data				
1NO contact/ Type	DRH275524LT	DRH275548LT	DRH275615LT	DRH275730LT
1NC contact Order No.	1220090000	1220110000	1220120000	1220130000
2NO contact Type	DRH276524LT	DRH276548LT	DRH276615LT	DRH276730LT
Order No.	1220200000	1220210000	1220220000	1220230000
Test lever blocking clip Type	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW	Test lever block for DRH/DRW
Order No.	7760056249	7760056249	7760056249	7760056249

Accessories for DRH and DRW relay

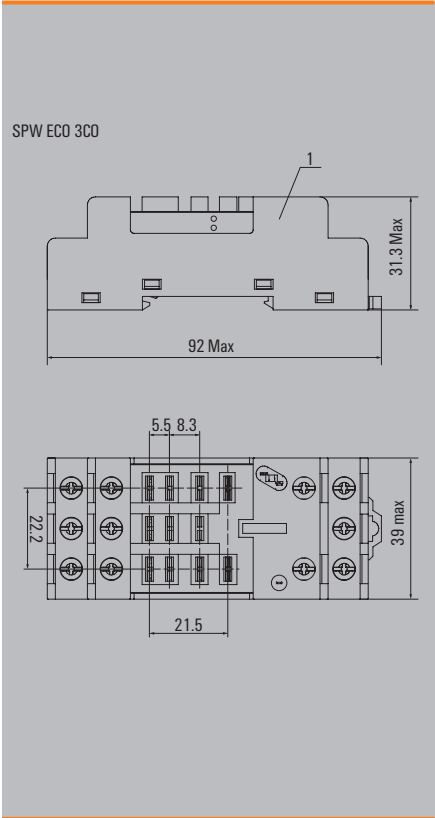


Ordering data

Technical data	
Rated voltage	400 V AC
Rated current	16 A
Dielectric strength for input - output	4,000 V
Dielectric strength between the contacts	4,000 V
Ambient temperature (operational)	-40 ... 60 °C
Pollution severity	2
Over voltage class	II
Max. torque/max.	1.2 Nm
Wire cross section	0.5 ... 4 mm²
Protection class (IEC 61810)	IP20
Weight	64 g
Approvals	CE, cURus
Description	
Socket, snaps onto DIN-rail, 3CO	
Metal clip	

Type	Qty.	Order No.
SPW ECO 3CO	10	1220250000
Metal clip DRH/DRW	10	1220260000

Dimensions in mm



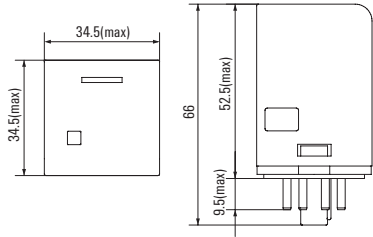
Functional modules

Technical data	
RC element 6 ... 230 V AC	
Suppressordiode 6 ... 230 V DC	

	Order No.
RIM 5 6/230 V AC	1174670000
RIM 5 6/230 V DC	1174650000

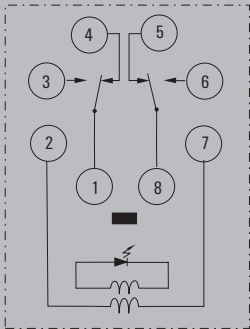
DRR Power Relay
2CO AC/DC coil

- 2500 VA switching capacity
- 8-pin relay

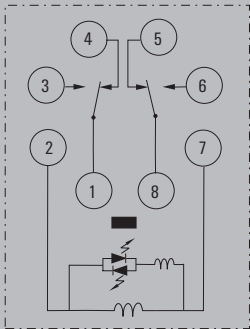


Circuit diagram

AC

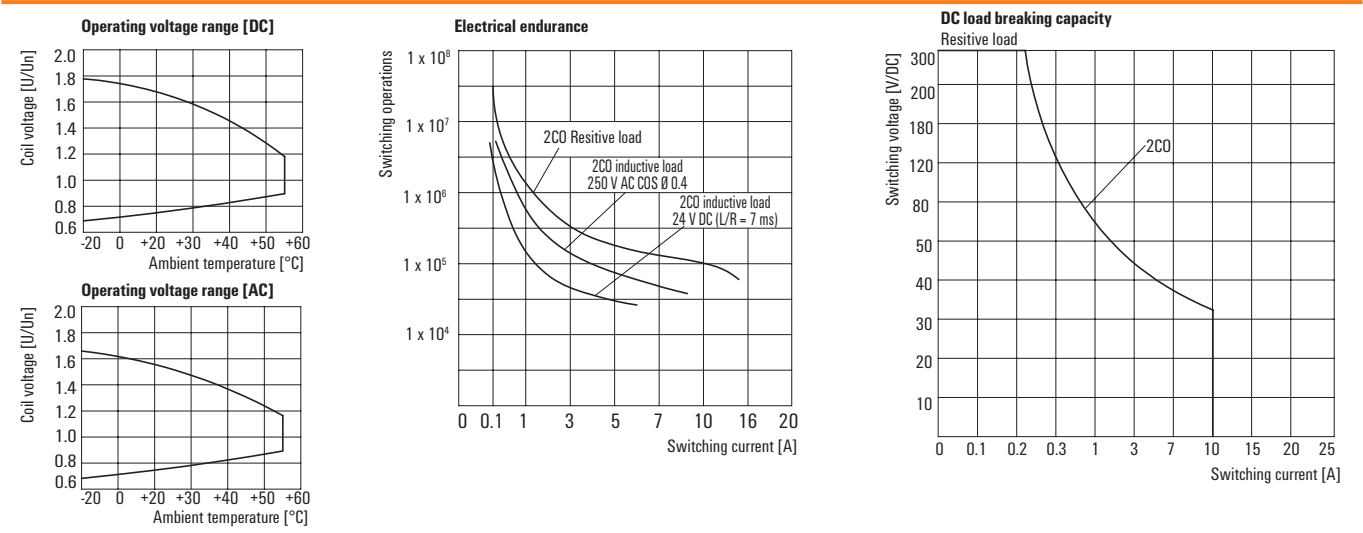


DC



Output	
Max. switching voltage	250 V AC
Continuous current	10 A
Contact material	AgCdO
Min. switching power	12 V / 100 mA
Contact resistance (initial)	< 50 mΩ
Electrical endurance	> 10 × 10 ⁴ cycles (1,800 cycles / hour)
Switch-on / switch-off delay	< 30 ms / < 20 ms
Input	
Response voltage @ 25 °C	AC: ≤ 80 % of rated voltage DC: ≤ 75 % of rated voltage
Dropout voltage @ 25 °C	AC: ≥ 30 % of rated voltage DC: ≥ 15 % of rated voltage
Max. voltage @ 25 °C	110 % of rated voltage
Coil power consumption	2.7 VA / 1.5 W
General	
Ambient temperature (operational)	- 25 ... 55 °C
Storage temperature	- 25 ... 55 °C
Humidity	5 ... 85 %
Dielectric strength	Input - output 2500 V AC / 1 min Between N.O. contacts 1000 V AC / 1 min Between adjacent contacts 2500 V AC / 1 min
Clearance / creepage distance	1.5 mm / 4 mm
Insulation coordination IEC60664	Rated voltage 250 V Pollution severity 3 Over voltage class III
Vibration resistance	10~55 Hz dual amplitude: 1.0 mm
Shock resistance	10 G (half wave of sine pulse: 11 ms)
Approval	CE; TÜV
Weight	75 g
Packing unit	10
Dimension	
Depth x Width x Height	mm 52.5 / 34.5 / 34.5
Note	

Applications



DRR Power Relay
2CO AC/DC coil

Type code	DRR			
Type	DRR			
Type of construction	270	2 change over contacts		
Coil voltage	012	12 V DC / 024	24 V DC	
	048	48 V DC / 110	110 V DC	
	220	220 V DC / 524	24 V AC	
	615	115 V AC / 730	230 V AC	
LED indicator	L			

Ordering data

Input	12 V DC 2CO	24 V DC 2CO	48 V DC 2CO	110 V DC 2CO	220 V DC 2CO
Rated voltage	12 V DC	24 V DC	48 V DC	110V DC	220V DC
DC response / dropout voltage	9 V / 1.8 V	18 V / 3.6 V	36 V / 7.2 V	82.5 V / 16.5 V	165 V / 33 V
Power consumption	1.5 W	1.5 W	1.5 W	1.5 W	1.5 W
DC rated current	125 mA	55.8 mA	29.3 mA	14.9 mA	7.5 mA
Coil resistance	96 Ω ±10 %	430 Ω ±10 %	1,640 Ω ±10 %	7,360 Ω ±10 %	29,500 Ω ±10 %

Ordering data					
Type	DRR270012L	DRR270024L	DRR270048L	DRR270110L	DRR270220L
Order No.	1133360000	1133370000	1133380000	1133390000	1133400000

--	--	--	--	--	--

Ordering data

Input	24 V AC 2CO	115 V AC 2CO	230 V AC 2CO
Rated voltage	24 V AC	115 V AC	230 V AC
Response / dropout voltage	19.2 V / 7.2 V	92 V / 34.5 V	184 V / 69 V
Power consumption	2.7 VA	2.7 VA	2.7 VA
Rated current (50 Hz/60 Hz)	130 mA / 116 mA	29.8 mA / 25.4 mA	14.9 mA / 12.7 mA
Coil resistance	62.5 Ω ±10 %	1,250 Ω ±10 %	6,500 Ω ±10 %

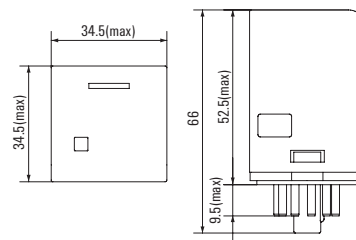
Ordering data			
Type	DRR270524L	DRR270615L	DRR270730L
Order No.	1133760000	1133780000	1133800000

--	--	--	--

DRR Power Relay

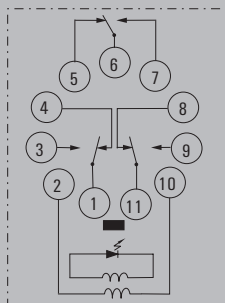
3CO AC/DC coil

- 2500 VA switching capacity
- 11-pin plug in DIN rail installation

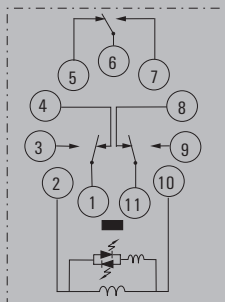


Circuit diagram

DRR310
AC



DC



Output

Max. switching voltage	250 V AC
Continuous current	10 A
Contact material	AgNi 90/10
Min. switching power	12 V / 100 mA
Contact resistance (initial)	< 50 mΩ
Electrical endurance	> 10 × 10 ⁴ cycles (1,800 cycles / hour)
Switch-on / switch-off delay	< 30 ms / < 20 ms

Input

Response voltage @ 25 °C	AC: ≤ 80 % of rated voltage DC: ≤ 80 % of rated voltage
Dropout voltage @ 25 °C	AC: ≥ 30 % of rated voltage DC: ≥ 15 % of rated voltage
Max. voltage @ 25 °C	110 % of rated voltage
Coil power consumption	2.7 VA / 1.5 W

General

Ambient temperature (operational)	- 25 ... 55 °C
Storage temperature	- 25 ... 55 °C
Humidity	5 ... 85 %
Dielectric strength	Input - output 2500 V AC / 1 min Between N.O. contacts 1000 V AC / 1 min Between adjacent contacts 2500 V AC / 1 min
Clearance / creepage distance	1.5 mm / 4 mm
Insulation coordination IEC60664	Rated voltage 250 V Pollution severity 3 Over voltage class III
Vibration resistance	10~55 Hz dual amplitude: 1.0 mm
Shock resistance	10 G (half wave of sine pulse: 11 ms)
Approval	CE; TÜV
Weight	75 g
Packing unit	10

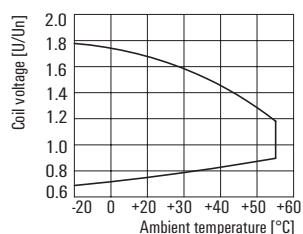
Dimension

Depth x Width x Height	mm 54.5 / 34.5 / 34.5
------------------------	-----------------------

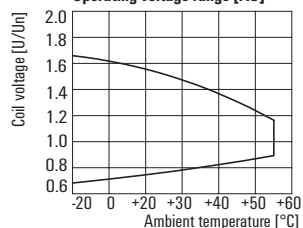
Note

Applications

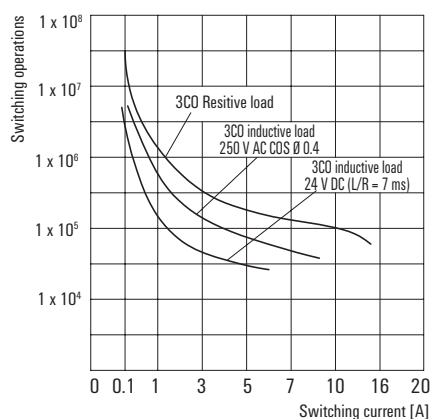
Operating voltage range [DC]



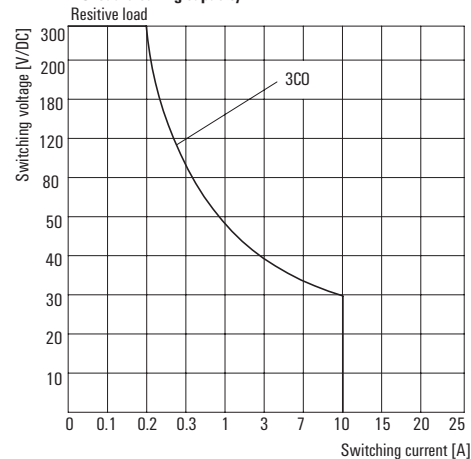
Operating voltage range [AC]



Electrical endurance



DC load breaking capacity



DRR Power Relay
3CO AC/DC coil

Type code

DRR

Type

DRR

Type of construction

370 3 change over contacts

Coil voltage

012

12 V DC / 024

24 V DC

048

48 V DC / 110

110 V DC

220

220 V DC / 524

24 V AC

615

115 V AC / 730

230 V AC

LED indicator

L

Ordering data

Input	12 V DC 3CO	24 V DC 3CO	48 V DC 3CO	110 V DC 3CO	220 V DC 3CO
Rated voltage	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
Response / dropout voltage	9 V / 1.8 V	18 V / 3.6 V	36 V / 7.2 V	82.5 V / 16.5 V	165 V / 33 V
Power consumption	1.5 W	1.5 W	1.5 W	1.5 W	1.5 W
Rated current	125 mA	55.8 mA	29.3 mA	14.9 mA	7.5 mA
Coil resistance	96 Ω ±10 %	430 Ω ±10 %	1,640 Ω ±10 %	7,360 Ω ±10 %	29,500 Ω ±10 %

Ordering data

Type	DRR370012L	DRR370024L	DRR370048L	DRR370110L	DRR370220L
Order No.	1133410000	1133420000	1133430000	1133440000	1133560000

Ordering data

Input	24 V AC 3CO	115 V AC 3CO	230 V AC 3CO
Rated voltage	24 V AC	115 V AC	230 V AC
Response / dropout voltage	19.2V / 7.2 V	92 V / 34.5 V	184 V / 69 V
Power consumption	2.7 VA	2.7 VA	2.7 VA
Rated current (50 Hz/60 Hz)	130 mA / 116 mA	29.8 mA / 25.4 mA	14.9 mA / 12.7 mA
Coil resistance	62.5 Ω ±10 %	1,250 Ω ±10 %	6,500 Ω ±10 %

Ordering data

Type	DRR370524L	DRR370615L	DRR370730L
Order No.	1133810000	1133820000	1133830000

Accessories for DRR relay



Ordering data

Technical data	
Rated voltage	300 V
Rated current	12 A
Dielectric strength for input - output	4,000 V
Dielectric strength between the contacts	2,500 V
Operating temperature	-40 ... 85 °C
Pollution severity	2
Over voltage class	III
Max. torque	1.0 Nm
Wire cross section	0.5 ... 2.5 mm ²
Protection class (IEC 61810)	IP20
Weight	50 g
Approvals	CE
Description	
Socket, snaps onto DIN-rail, 8-pin	
Socket, snaps onto DIN-rail, 11-pin	

Type	Qty.	Order No.
SRD ECO 2CO	10	1132810000
SRD ECO 3CO	10	1132820000

Metal clip

Description
Metal clip for DRR relay sockets

Order No.
DRR SOCKET METAL CLIP 1134160000

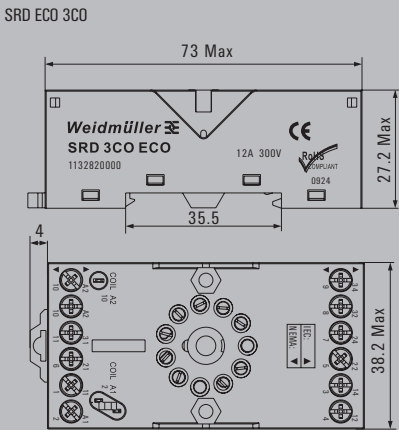
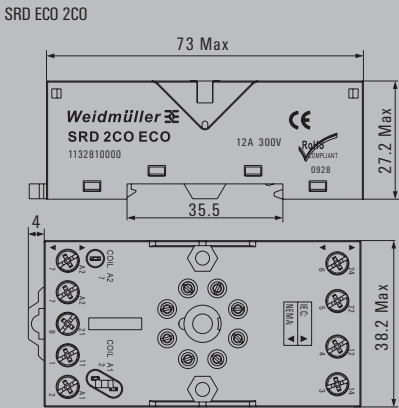


Functional modules

Technical data
RC element 6 ... 230 V AC
Suppressordiode 6 ... 230 V DC

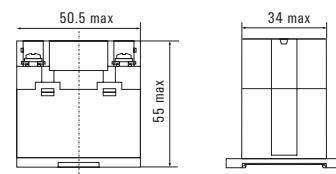
Order No.
RIM 5 6/230 V AC 1174670000
RIM 5 6/230 V DC 1174650000

Dimensions in mm



PWR high power relay**1 NO AC/DC coil**

- Max. load current: 30 A

**Circuit diagram****1NO****Output**

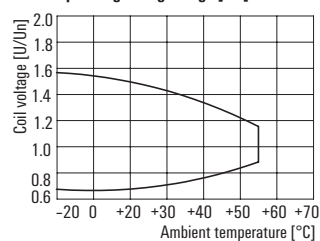
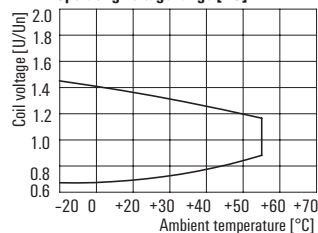
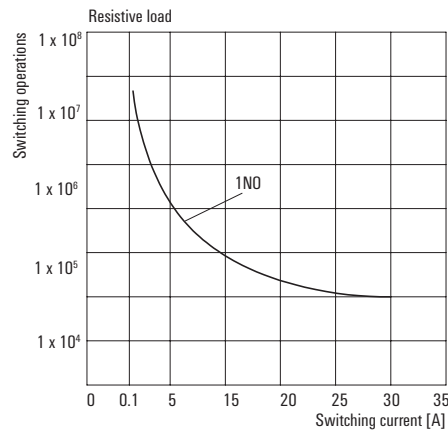
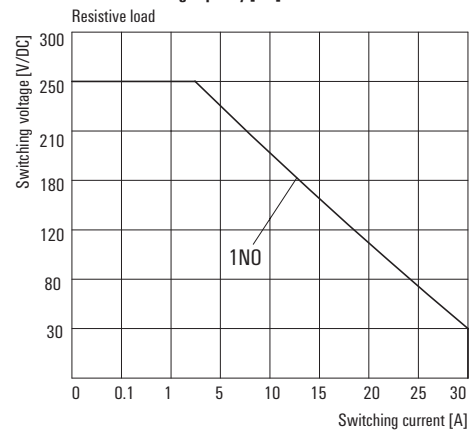
Max. switching voltage	277 V AC
Continuous current	30 A
Contact material	AgNi
Min. switching power	12 V DC / 100 mA
Contact resistance (initial)	< 50 mΩ
Electrical endurance	> 10 × 10 ⁴ cycles
Switch-on / switch-off delay	< 20 ms / < 10 ms

Input

Response voltage @ 25 °C	AC: ≤ 75 % of rated voltage DC: ≤ 75 % of rated voltage
Dropout voltage @ 25 °C	AC: ≥ 15 % of rated voltage DC: ≥ 15 % of rated voltage
Max. voltage @ 25 °C	110 % of rated voltage
Coil power consumption	2.5 VA / 1.9 W

General

Ambient temperature (operational)	- 25 ... 55 °C
Storage temperature	- 25 ... 55 °C
Humidity	35 ... 85 %
Dielectric strength	Input - output 2000 V AC / 1 min Between N.O. contacts 2000 V AC / 1 min Between adjacent contacts 4000 V AC / 1 min
Clearance / creepage distance	3.5 mm / 6 mm
Insulation coordination IEC60664	Rated voltage 250 V Pollution severity 3 Over voltage class III
Vibration resistance	10~55 Hz dual amplitude: 1.0 mm
Shock resistance	10 G (half wave of sine pulse: 11 ms)
Approval	CE; TÜV; cURus
Weight	120 g
Dimension	Screw connection
Depth x Width x Height	mm 55 / 50.5 / 34

Note**Applications****Operating voltage range [DC]****Operating voltage range [AC]****Electrical endurance****DC Load breaking capacity [DC]**

**PWR high power relay
1 NO AC/DC coil**

Type code		PWR				
Type	PWR					
Type of construction and mounting	173 1N.O. contact, DIN-rail mounting					
Coil voltage	006	6 V DC / 012	12 V DC			
	024	24 V DC / 048	48 V DC			
	110	110 V DC / 220	220 V DC			
	524	24 V AC / 548	48 V AC			
	615	115 V AC / 730	230 V AC			
	880	380 V AC				
LED indicator	L with LED					

Ordering data

Input	6 V DC 1 NO	12 V DC 1 NO	24 V DC 1 NO	48 V DC 1 NO	110 V DC 1 NO	220 V DC 1 NO
Rated voltage	6 V DC	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
DC response / dropout voltage	4.5 V / 0.9 V	9 V / 1.8 V	18 V / 3.6 V	36 V / 7.2 V	82.5 V / 16.5 V	165 V / 33 V
Power consumption	1.9 W	1.9 W	1.9 W	1.9 W	1.9 W	1.9 W
DC rated current	317 mA	160 mA	79.2 mA	39.3 mA	17.3 mA	8.6 mA
Coil resistance	18.9 Ω $\pm$ 10 %	75 Ω $\pm$ 10 %	303 Ω $\pm$ 10 %	1,220 Ω $\pm$ 10 %	6,360 Ω $\pm$ 10 %	25,474 Ω $\pm$ 10 %

Ordering data						
Din rail installation, Type	PWR173006L	PWR173012L	PWR173024L	PWR173048L	PWR173110L	PWR173220L
Order No.	1219460000	1219470000	1219480000	1219490000	1219510000	1219520000

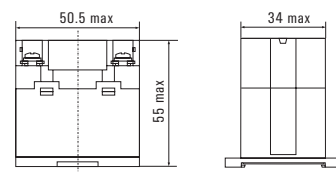
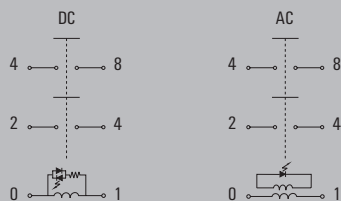
Ordering data

Input	24 V AC 1 NO	48 V AC 1 NO	115 V AC 1 NO	230 V AC 1 NO	380 V AC 1 NO
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC	380 V AC
Response / dropout voltage	18 V / 3.6 V	36 V / 7.2 V	86.3 V / 17.3 V	172.5 V / 34.5 V	285 V / 57 V
Power consumption	2.5 VA	2.5 VA	2.5 VA	2.5 VA	2.5 VA
Rated current (50 Hz/60 Hz)	87.3 mA	43.6 mA	22.1 mA	11.0 mA	6.1 mA
Coil resistance	275 Ω $\pm$ 10 %	1,100 Ω $\pm$ 10 %	5,200 Ω $\pm$ 10 %	21,000 Ω $\pm$ 10 %	62,650 Ω $\pm$ 10 %

Ordering data					
Din rail installation, Type	PWR173524L	PWR173548L	PWR173615L	PWR173730L	PWR173880L
Order No.	1219090000	1219120000	1219130000	1219140000	1219150000

PWR high power relay**2 NO AC/DC coil**

- Max. load current: 25 A

**Circuit diagram****2NO****Output**

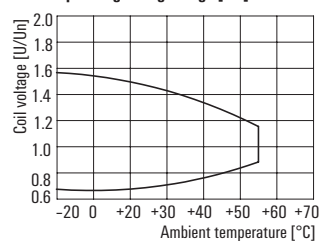
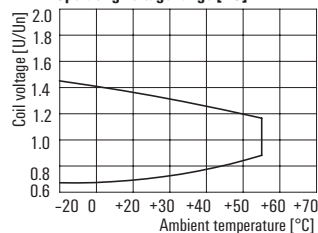
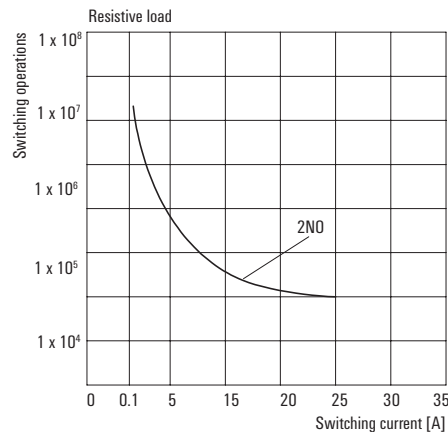
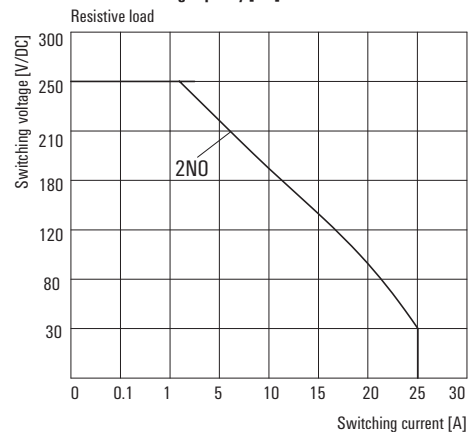
Max. switching voltage	277 V AC
Continuous current	25 A
Contact material	AgNi
Min. switching power	12 V DC / 100 mA
Contact resistance (initial)	< 50 mΩ
Electrical endurance	> 10 × 10 ⁴ cycles
Switch-on / switch-off delay	< 30 ms / < 30 ms

Input

Response voltage @ 25 °C	AC: ≤ 75 % of rated voltage DC: ≤ 75 % of rated voltage
Dropout voltage @ 25 °C	AC: ≥ 15 % of rated voltage DC: ≥ 15 % of rated voltage
Max. voltage @ 25 °C	110 % of rated voltage
Coil power consumption	2.5 VA / 1.9 W

General

Ambient temperature (operational)	-25 ... 55 °C
Storage temperature	-25 ... 55 °C
Humidity	35 ... 85 %
Dielectric strength	Input - output 2000 V AC / 1 min Between N.O. contacts 2000 V AC / 1 min Between adjacent contacts 4000 V AC / 1 min
Clearance / creepage distance	1.5 mm / 4 mm
Insulation coordination IEC60664	Rated voltage 250 V Pollution severity 3 Over voltage class III
Vibration resistance	10~55 Hz dual amplitude: 1.0 mm
Shock resistance	10 G (half wave of sine pulse: 11 ms)
Approval	CE; TÜV; cURus
Weight	120 g
Dimension	Screw connection
Depth x Width x Height	mm 55 / 50.5 / 34

Note**Applications****Operating voltage range [DC]****Operating voltage range [AC]****Electrical endurance****DC Load breaking capacity [DC]**

**PWR high power relay
2 NO AC/DC coil**

Type code		PWR				
Type	PWR					
Type of construction and mounting	276 2N.O. contact, DIN-rail mounting					
Coil voltage	006	6 V DC / 012	12 V DC			
	024	24 V DC / 048	48 V DC			
	110	110 V DC / 220	220 V DC			
	524	24 V AC / 548	48 V AC			
	615	115 V AC / 730	230 V AC			
	880	380 V AC				
LED indicator	L with LED					

Ordering data

Input	6 V DC 2 NO	12 V DC 2 NO	24 V DC 2 NO	48 V DC 2 NO	110 V DC 2 NO	220 V DC 2 NO
Rated voltage	6 V DC	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
DC response / dropout voltage	4.5 V / 0.9 V	9 V / 1.8 V	18 V / 3.6 V	36 V / 7.2 V	82.5 V / 16.5 V	165 V / 33 V
Power consumption	1.9 W	1.9 W	1.9 W	1.9 W	1.9 W	1.9 W
DC rated current	317 mA	160 mA	79.2 mA	39.3 mA	17.3 mA	8.6 mA
Coil resistance	18.9 Ω $\pm$ 10 %	75 Ω $\pm$ 10 %	303 Ω $\pm$ 10 %	1,220 Ω $\pm$ 10 %	6,360 Ω $\pm$ 10 %	25,474 Ω $\pm$ 10 %

Ordering data						
Din rail installation, Type Order No.	PWR276006L 1219530000	PWR276012L 1219540000	PWR276024L 1219550000	PWR276048L 1219560000	PWR276110L 1219570000	PWR276220L 1219580000

--	--	--	--	--	--	--

Ordering data

Input	24 V AC 2 NO	48 V AC 2 NO	115 V AC 2 NO	230 V AC 2 NO	380 V AC 2 NO
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC	380 V AC
Response / dropout voltage	18 V / 3.6 V	36 V / 7.2 V	86.3 V / 17.3 V	172.5 V / 34.5 V	285 V / 57 V
Power consumption	2.5 VA	2.5 VA	2.5 VA	2.5 VA	2.5 VA
Rated current (50 Hz/60 Hz)	87.3 mA	43.6 mA	22.1 mA	11.0 mA	6.1 mA
Coil resistance	275 Ω $\pm$ 10 %	1,100 Ω $\pm$ 10 %	5,200 Ω $\pm$ 10 %	21,000 Ω $\pm$ 10 %	62,650 Ω $\pm$ 10 %

Ordering data					
Din rail installation, Type Order No.	PWR276524L 1219160000	PWR276548L 1219170000	PWR276615L 1219180000	PWR276730L 1219190000	PWR276880L 1219220000

--	--	--	--	--	--

Addresses worldwide

- AE United Arab Emirates**
Weidmüller Middle East FZE
Warehouse Q3-79, SAIF-Zone
P.O. Box 8591
Sharjah U. A. E.
Phone +971 65572723
Fax +971 65572724
wme.info@weidmueller.com
- AO Angola**
Please contact Phambili Interface (Pty) Ltd. in South Africa.
- AR Argentina**
CPI SA
Bauness 2660
C1431DOF Buenos Aires
Phone +54 11 4523 8008
Fax +54 11 4522 0546
info@cpi.com.ar
www.cpi.com.ar
- AT Austria**
Weidmüller GmbH
IZ NOE Süd Straße 2b,
Obj M 59
2355 Wiener Neudorf
Phone +43 2236 67080
Fax +43 2236 6708-899
office.at@weidmueller.com
www.weidmueller.com
- AU Australia**
Weidmüller Pty. Ltd.
P.O. Box 6944
43 Huntingwood Drive
Huntingwood NSW 2148
Phone +61 2 9671 9999
Fax +61 2 9671 9911
info@weidmuller.com.au
www.weidmuller.com.au
- AZ Azerbaijan**
Representative Office
Rashad Mahmudov
40 A. J. Khandan Str. 68 Apt.
AZ 1130 Baku
Phone +994 50 2527002
Fax +994 12 58611493
rashad.mahmudov@weidmueller.com
- BA Bosnia and Herzegovina**
BH ES ELEKTROSISTEM d.o.o.
Palih boraca 104
78000 BiH - Banja Luka
Phone +387 51 420-340
Fax +387 51 420-341
elsist@inecco.net
www.elektrosistem.ba
- BE Belgium**
Weidmüller Benelux B. V.
Mechelsesteenweg 519
bus 6 en 7
1930 Nossegem
Phone +32 2 752 40 70
Fax +32 2 751 36 06
info@weidmueller.be
www.weidmueller.be
- BG Bulgaria**
Weid-Bul EOOD
13, Bul. "Kliment Ohridski"
1756 Sofia
Phone +359 2 963 2560
Fax +359 2 963 1098
sofia@weidbul.com
www.weidbul.com
- BH Bahrain**
Khayber Trading Company
P.O. Box 1976 Manama
Phone +973 720747
Fax +973 720331
khayber@batelco.com.bh
- BR Brazil**
Weidmüller Conexel do Brasil
Conexões Elétricas Ltda.
R. Garcia Lorca, 176 -
V. Paulicéia
09695-900 São Bernardo
do Campo, São Paulo
Phone +55 (11) 4366-9600
Fax +55 (11) 4362-1677
vendas@weidmueller.com.br
www.weidmueller.com.br
- BW Botswana**
Please contact Phambili Interface (Pty) Ltd. in South Africa.
- BY Belarus**
TECHNIKON Ltd.
Nezavisimosti pr. 177-9
Minsk 220125
Phone +375 17 393-11-77
Fax + 375 17 3930080
wm@technikon.by
- CA Canada**
W Interconnections Canada Inc.
10 Spy Court, Markham
Ontario L3R 5H6
Phone +1 (905) 475-1507
Ext. 9836
Fax +1 (905) 475-2798
support@weidmuller.ca
www.weidmuller.ca
- CG Kongo**
Please contact Phambili Interface (Pty) Ltd. in South Africa.
- CH Switzerland**
Weidmüller Schweiz AG
Rundbuckstraße 2
8212 Neuhausen am
Rheinfall, SH
Phone +41 52 674 07 07
Fax +41 52 674 07 08
info@weidmueller.ch
www.weidmueller.ch
- CL Chile**
Felipe Bahamondes S.A.
ATS - INTECH
Maria Luisa Santander 0475
Providencia 7500859
3425 Casilla - Santiago
Phone +56 2 341 1271
Fax +56 2 341 1275
felipe@atsintech.com
www.atsintech.com
- CN China**
Weidmüller Interface (Shanghai) Co. Ltd.
25 F, BM Intercontinental
Business Center 100 Yutong
Road
200070 Shanghai
Phone +86 21-22195008
Fax +86 21-22195009
customer.hotline@weidmueller.com.cn
www.cnweidmuller.com
- CO Colombia**
Automatización Avanzada S. A.
Carrera 97 No. 24 c - 23 B 4
4 Bogotá D. C.
Phone +57 (1) 547-8510
Fax +57 (1) 422-3044
comercial@
automatizacionavanzada.com
www.automatizacionavanzada.com
- CR Costa Rica**
ELVATRON S. A.
la Uruca 400 Norte
Banco Costa Rica
San Jose Costa Rica
Phone +506 2206-1060
Fax +506 5200-609
dirk.haase@elvatron.com
www.elvatron.com
- CZ Czech Republic**
Weidmüller s.r.o.
Lomnického 5/1705
140 00 Praha 4
Phone +420 244 001 400
Fax +420 244 001 499
office@weidmueller.cz
www.weidmueller.cz
- DE Germany**
Weidmüller GmbH & Co. KG
Postfach 30 54
32720 Detmold
Ohmstraße 9
32758 Detmold
Phone +49 5231 1428-0
Fax +49 5231 1428-116
weidmuller@weidmuller.de
www.weidmueller.de
- DK Denmark**
Weidmüller Danmark
Vallensbækvej 18A
2805 Brøndby
Phone +45 27747800
kundeservice@weidmuller.dk
www.weidmuller.dk
- EC Ecuador**
Elsystec S. A., Electricidad
Sistemas y Tecnología
Vasco de Contreras N35-251
y Mañosa,
Pichincha, Quito
Phone +593 22456510
Fax +593 22456755
Elsystec@uiod.satnet.net
- EE Estonia**
Soots Interface OÜ
Pärnu mnt 142
11317 Tallinn
Phone +372 609 6933
Fax +372 609 6933
info@sootsinterface.ee
www.sootsinterface.ee
- EG Egypt**
Standard Electric (OMEGA)
87, Mohamed Farid Street
Cairo, Heliopolis
Phone +20 2 642 2977
Fax +20 2 642 2955
stdelco@write.com
- ES Spain**
Weidmüller, S. A.
Pol. Ind. Sudoste
Narcis Monturiol 11-13
08960 Sant Just Desvern -
Barcelona
Phone +34 934 803 386
Fax +34 933 718 055
weidmuller@weidmuller.es
www.weidmuller.es
- FI Finland**
Weidmüller Suomi,
Weidmüller Aktiebolagetin
sivillike
Koy Plaza Vivace
Äyritie 8C
01510 Vantaa
Phone +358 20 7351300
Fax +358 800 114 667
asiakaspalvelu@weidmuller.fi
www.weidmuller.fi
- FR France**
Weidmüller E. U. R. L.
12, Chaussée Jules César
B.P. 263 Osn
95523 Cergy-Pontoise Cedex
Phone +33 1 34 24 55 00
Fax +33 1 34 24 55 01
mail@weidmuller.fr
- GB Great Britain**
Weidmüller Ltd.
Klippon House
Centurion Court Office
Meridian East, Meridian
Business Park
Leicester
Phone +44 116 282 3470
Fax +44 116 289 3582
marketing@weidmuller.co.uk
www.weidmuller.co.uk
- GR Greece**
G.A. Solutions
11 Ippokratous str
14452 Metamorfosi
Athen
Phone +30 210 2823233
Fax +30 210 2823233
info@weidmuller.gr
www.weidmuller.gr
- GT Guatemala**
Preselectro
Prestegard Electro, S.A.
Avenida Petapa 44-22,
Zona 12
Guatemala City
Phone +502 2442-3346
Fax +502 2476-8945
ventas@preselectro.com
- HK Hong Kong**
Weidmüller (Hong Kong)
Limited Co. Ltd.
Unit 1617, Metropolis Tower
No. 10 Metropolis Drive,
Hungghom, Kowloon
Phone +852 3154 8088
Fax +852 31548099
Info-hk@weidmuller.com.hk
- HR Croatia**
ElektroPARTNER d.o.o.
Slavonska avenija 24/6
10000 Zagreb
Phone +385 (1) 6184 793
Fax +385 (1) 6184 795
elektropartner@zg-tcom.hr
www.elektropartner.hr
- HU Hungary**
Weidmüller Kereskedelmi Kft.
Gubacsi út 6.
1097 Budapest
Phone +36 1 382 7700
Fax +36 1 382 7701
info@weidmueller.hu
www.weidmueller.hu
- ID Indonesia**
PT. Nego Electrindo
Ruko Mega Grosir Cempaka
Mas, Blok I No. 20 - 22
Jl. Let. Jend. Suprato
Jakarta 10640
Phone +62 21 42882255
Fax +62 21 42882266
sales@negoelectrindo.co.id
- IE Ireland**
Please contact Weidmüller Ltd. in Great Britain.
- IL Israel**
A. U. Shay Ltd.
P.O. Box 1 00 49
Embar Street 23/25
49222 Petach-Tikva
Phone +972 3-923-3601
Fax +972 3-923-4601
shay@uriel-shay.com
www.uriel-shay.com
- IN India**
Representative Office
Weidmüller Electronics
India Pvt. Ltd.
Plot No. 32, 12th Lane,
North Court Lane
Opp Joggers Park,
Kalyaninagar
411006 Pune
Maharashtra
Phone +91 20-41290090
Nitish.Rajan@weidmueller.de
www.weidmueller.com
- IS Iceland**
Samey Automation Center
Lyngas 13, 210 Garabær
Phone +354 510 5200
Fax +354 5 10 5201
Samey@samey.is
www.samey.is
- IT Italy**
Weidmüller S. r.l.
Via Albert Einstein 4
20092 Cinisello Balsamo
Milano
Phone +39 02 660681
Fax +39 02 6124945
weidmuller@weidmuller.it
www.weidmuller.it
- JM Jamaica**
Please contact W Interconnections Inc. United States.
- JO Jordan**
Trans Jordan for Electro
P.O. Box 33 06 07
Amman
Phone +962 6 533 2020
Fax +962 6 533 5800
transjordan@batelco.jo
- JP Japan**
Nihon Weidmüller Co. Ltd.
Sphere Tower Tennoz
2-2-8 Higashi-Shinagawa
Shinagawa-Ku
P.O. Box 140-0002
Tokyo
Phone +81 3 6711 5300
Fax +81 3 6711 5333
weidmullerjapan@
weidmuller.co.jp
www.weidmuller.co.jp
- KE Kenya**
Please contact Phambili Interface (Pty) Ltd. in South Africa.
- KR Korea**
Weidmüller Korea Co. Ltd.
6F Seokyoung B/D
242-54 Nonhyun-dong
Gangnam-gu
Seoul, 135-830
Phone +82 2-516-0003
Fax +82 2-516-0090
info@weidmuller.co.kr
www.weidmuller.co.kr
- KZ Kazakhstan**
Representative Office
Weidmüller Business
Center Rixos Almaty Hotel
4 floor, 506/99, Seifullina
Avenue,
050012 Almaty
Sergey.Shin@weidmueller.com
www.weidmueller.kz
- LT Lithuania**
ELEKTROS IRANGA
Tinklų g. 29 a, 5319,
Panevezys
Phone +370 (45) 582 828
Fax +370 (45) 582 727
info@eliranga.lt
or
Please contact our
Representative Office
Weidmüller Interface
GmbH & Co. KG in Latvia.
- LU Luxembourg**
Please contact
Weidmüller Benelux B. V.
Netherlands.
- LV Latvia**
SIA Abi4
Daugavgrivas 31b
1007 Riga
Rigas Rajons
Phone +371 674 70999
Fax +371 674 65637
abi_4@tvnet.lv
- MD Moldova**
BERHORD A & D srl
79/1, str. Milescu Spartaru
MD2075 Chisinau, Moldova
Phone +373 (22) 815002
Fax +373 (22) 815007
atiuleanu@berhord.com
www.ad.berhord.com
- ME Montenegro**
Please contact our
Representative Office
Weidmüller Interface
GmbH & Co. KG in Serbia.
- MG Madagascar**
Please contact Phambili Interface (Pty) Ltd. in South Africa.

Sales company **DE**

Agency abroad **DE**

Without own Agency **DE**

MK Macedonia
ELEKTRO - SMK dool
UL. III Makedonska brigada b.b.
1000 Skopje
Phone +389 22460295
Fax +389 22460298
Elektro-smk@telekabel.net.mk
or
Please contact our
Representative Office
Weidmüller Interface
GmbH & Co. KG in Serbia.

MT Malta
E. S. S., Electrical Supplies &
Services Ltd.
104 J. Sciberras Str.
Hamrun HMR 08
Phone +356 21255777
Fax +356 21255999
robert@ess.com.mt

MU Mauritius
Mubelo Electrical Ltd.
Office 26, Gateway building,
St Jean Road,
Quatre Bornes
Mauritius
Phone +230 4670989
Fax +230 4654051
richard.mubelo@orange.mu

MW Malawi
Please contact Phambili
Interface (Pty) Ltd. in
South Africa.

MX Mexico
W Interconnections S. A.
DE C. V.
Blvd. Hermanos Serdán 698
Col. San Rafael Oriente
Puebla, C. P. 72029
Phone +52 (222) 268 6227
Fax +52 (222) 286 6242
clientes@weidmuller.com.mx

MY Malaysia
Connect Plus Technology
Sdn Bhd
No. 43, Jalan PJS 11/22,
Bandar Sunway
46150 Petaling Jaya
Selangor Darul Ehsan
Phone +60 3 5633 7363
Fax +60 3 5633 6562
paul@cpotech.com.my
www.cpotech.com.my

MZ Mosambik
Please contact Phambili
Interface (Pty) Ltd. in
South Africa.

NA Namibia
Please contact Phambili
Interface (Pty) Ltd. in
South Africa.

NG Nigeria
Please contact Phambili
Interface (Pty) Ltd. in
South Africa.

NL Netherlands
Weidmüller Benelux B. V.
Franciscusweg 221
1216 SE Hilversum
Postbus 1505
1200 BM Hilversum
Noord-Holland
Phone +31 35 626 12 61
Fax +31 35 623 20 44
info@weidmuller.nl
www.weidmuller.nl

NO Norway
Sivilingenier J.F. Knudtzen AS
P.O. Box 160
1378 Nesbru Billingstad
Billingstadsletta 97
1396 Billingstad
Phone +47 66 98 33 50
Fax +47 66 98 09 55
firmapost@jfkknudtzen.no
www.jfkknudtzen.no

NZ New Zealand
Cuthbert S. Steward Ltd.
27 Te Puni Street
POB 38496
Petone, Wellington
Phone +64 4 568 6156
Fax +64 4 568 6056
info@weidmueller.de

OM Oman
DAN INTERNATIONAL LLC.
P.O. BOX 2901
Ghala St. 111
Seeb
Phone +968 5036 77
Fax +968 5037 55
yedu@danintl.com

PE Peru
IMPEXINCA S.A.C.
Calle Ortiz de Zevallos No.
105, Urb. San Antonio
18 Lima, Miraflores
La Libertad
Phone +51 1 447 5608
info@impexinca.pe
www.impexinca.pe

J & W CIA. S. A.
Calle 6 Mz. D Lte. 23, Urb.
Ind. Grimanesa
Callao 01
Phone +51 1 572 2539
Fax +51 1 572 0152
contacto@jwcia.com
www.jwcia.com

PH Philippines
Enclosure Systems Specialists
Inc.
Room 103/105 Narra Building
2276 Don Chino Rocas Avenue
Extension
Makati City 1231
Phone +63 2 813 8580
Fax +63 2 813 859
sales_encsys@pdltd.net
www.enclosuresystemsph.com

PK Pakistan
Kana Controls (Pak)
Apartment No. 33 C III
Chenab Block
Allama Iqbal Town
Lahore
Phone +92 42 54199-48, -49
Fax +92 42 5422895
nadeem@kanapak.com
www.kanapak.com

PL Poland
Weidmüller Sp. z o. o.
ul. Ogrodowa 58
00-876 Warszawa
Phone +48 22 510 09 40
Fax +48 22 510 09 41
biuro@weidmuller.com.pl
www.weidmuller.pl

PR Puerto Rico
Please contact W Interconnections
Inc. United States.

PT Portugal
Weidmüller Sistemas de
Interface S. A.
Estrada Outeiro Polima
R. Augusto
Dias da Silva, Lote B - Esc. 2
2785-515 Abóboda
São Domingos de Rana
Phone +351 214 459 191
Fax +351 214 455 871
weidmuller@weidmuller.pt
www.weidmuller.pt

PY Paraguay
Please contact CPI SA in
Argentina.

RO Romania
Representative Office
Weidmüller Interface
GmbH & Co. KG
Ionescu Crum Street, No. 1
1st Tower, 1st Floor, Office 4
500446 Brasov
Phone +40 (268) 446 222
Fax +40 (268) 446 224
claudiu.totea@weidmueller.com
www.weidmueller.com

RS Serbia
ES-YU Elektrosistem d.o.o.
Pariske komune 41
11070 Novi Beograd
Phone +381 113018660
Fax +381 112693608
esyu@eunet.rs
www.elektrosistem.co.rs

Representative Office
Weidmüller Interface
GmbH & Co. KG
Ustanicka 189,
III sprat lokal 7a
11050 Beograd
Phone +381 112885274
Fax +381 112885274
zoran.rabrenovic@
weidmueller.com

RU Russia
O00 Weidmüller
Varshavskoye highway,
25 A, bld. 6
117105 Moskau
Phone +7 (495) 771-69-40
Fax +7 (495) 771-69-41
Info@weidmueller.ru
www.weidmueller.ru

SA Saudi Arabia
Please contact Weidmüller
Middle East FZE
United Arab Emirates.

SE Sweden
Weidmüller AB
Box 31025
S-200 49 Malmö
Axel Danielssons väg 271
Skåne län
Phone +46 77-143 00 44
Fax +46 40-37 48 60
info@weidmuller.se
www.weidmuller.se

SG Singapore
Weidmüller Pte. Ltd.
70 Bendemeer Road
04-03 Luzerne Building
339940 Singapore
Phone +65 6841 5311
Fax +65 6841 5377
info@weidmuller.com.sg
www.weidmuller.com.sg

SI Slovenia
Elektrospoj d. o. o.
Stegne 25
1000 Ljubljana,
Osrednje-slovenska
Phone +386 1 511 3810
Fax +386 1 511 1604
info@elektrospoj.si
www.elektrospoj.si

SK Slovakia
ELEKTRIS s.r.o.
Elektrárnská 1
831 04 Bratislava
Phone +421 2/4920 0113
Fax +421 2/4920 0119
bratislava@elektris.sk

SV El Salvador
Prestegard Electro
11 Avenida Norte No. 240
Edificio Salazar No. 2
San Salvador
Phone +503 2271 1690
Fax +503 2221 3851
prestegard@navegante.com.sv

SY Syria
Please contact Weidmüller
Middle East FZE
United Arab Emirates.

SZ Swaziland
Please contact Phambili
Interface (Pty) Ltd. in
South Africa.

TH Thailand
Pisanu Engineering Co. Ltd.
800/2 Soi Trakulsuk,
Asoke-dindaeng Road
Dindaeng, Bangkok 10400
Phone +66 2 248 2896
Fax +66 2 642 9220
ecsales@pisanu.co.th
www.pisanu.co.th

Representative Office
Weidmüller Pte. Ltd.
98 North Sathorn Road
37/F, Sathorn Square Building
Silom Bangkok
Bangkok 10500
Phone +662 105 6300
Fax +662 105 6301
info@weidmuller.com.sg

TN Tunisia
Please contact Phambili
Interface (Pty) Ltd. in
South Africa.

TR Turkey
Weidmüller Elektronik
Ticaret Ltd. Sirketi
Kavacik Mah. Orhan Veli
Kanak Caddesi 9/1
34810 Beykoz - Istanbul
Phone +90 (216) 537 10 70
Fax +90 (216) 537 10 77
info@weidmuller.com.tr
www.weidmuller.com.tr

TW Taiwan
F Weidmüller
(Hong Kong) Limited
No. 3, Lane 89, ChungYang
N. Rd. SanChuang City
24148 SanChuang City, Taipei
Phone +886 921 949 751
roy.lin@weidmueller.com.hk

TZ Tanzania
Please contact Phambili
Interface (Pty) Ltd. in
South Africa.

UA Ukraine
TEKO INTERFACE
Lomonosova Str. 73 g
03022 Kiev
Phone +380 (44) 374 06 40
Fax +380 (44) 374 06 42
weidmueller@tekointerface.com
www.tekointerface.com.ua

US United States
W Interconnections Inc.
821 Southlake Boulevard
Virginia - Richmond 23236
Phone +1 (804) 794-2877
Fax +1 (804) 379-2593
info@weidmuller.com
www.weidmuller.com

UZ Republic of Uzbekistan
Please contact our
Representative Office
Weidmüller Business Center
Rixos Almaty Hotel in
Kazakhstan.

VN Vietnam
AUMI Industrial Equipment &
Automation Company Limited
E1, La Thanh Hotel,
218 Doi Can Street,
Lieu Giai Ward, Ba Dinh District
Hanoi City
Phone +84 4 37628601
Fax +84 4 62661391
aumi@aumi.com.vn
www.aumi.com.vn

Representative Office
Weidmüller Pte. Ltd.
Level 16 Saigon Tower Building
29 Le Duan Street, District 1
Ho Chi Minh
Phone +848 3520 7717
Fax +848 3520 7604
info@weidmuller.com.sg

ZA South Africa
Phambili Interface (Pty) Ltd.
P.O. Box 193,
1609 Johannesburg, Edenvale
5 Bundo Road, Sebenza
1610 Johannesburg
Phone +27 (11) 4521930
Fax +27 (11) 4526455
info@weidmuller.co.za
www.weidmuller.co.za

ZM Zambia
Please contact Phambili
Interface (Pty) Ltd. in
South Africa.

ZW Zimbabwe
Please contact Phambili
Interface (Pty) Ltd. in
South Africa.

DE Other countries
Weidmüller Interface GmbH
& Co. KG
Postfach 3030
32720 Detmold
Klingenbergstraße 16
32758 Detmold
Phone +49 5231 14-0
Fax +49 5231 14-292083
info@weidmueller.de
www.weidmueller.com

We cannot guarantee that there are no mistakes in the publications or software provided by us to the customer for the purpose of making orders. We try our best to quickly correct errors in our printed media.

All orders are based on our general terms of delivery, which can be reviewed on the websites of our group companies where you place your order. On demand we can also send the general terms of delivery to you.

Weidmüller – Your partner in Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity.

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
32758 Detmold, Germany
T +49 5231 14-0
F +49 5231 14-292083
info@weidmueller.com
www.weidmueller.com

Your local Weidmüller partner can
be found on our website:
www.weidmueller.com/countries

Made in Germany



Order number: 1463590000/06/2013/SMDM