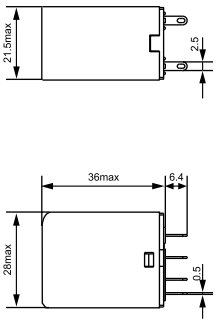
THE DATASHEET OF

7760056103

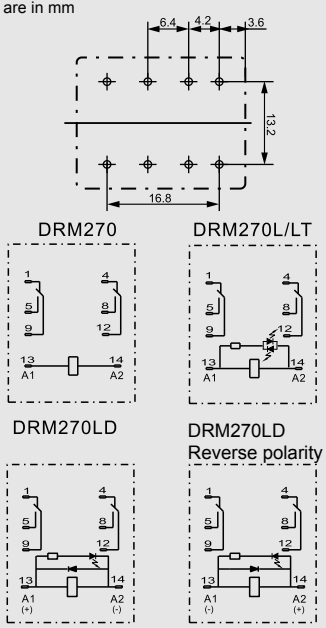
DRM Auxiliary Relay

DRM 270 Relay
2 change over contacts
AC/DC coil

- Small size with high sensitivity
- Reasonable structure with wide usage
- Various types available
- Approvals with cULus TÜV CE



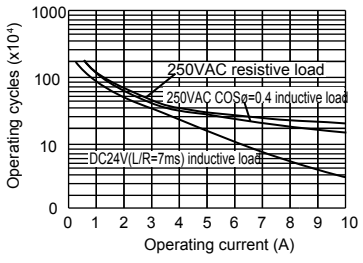
Circuit diagram
PIN top view
Dimensions are in mm



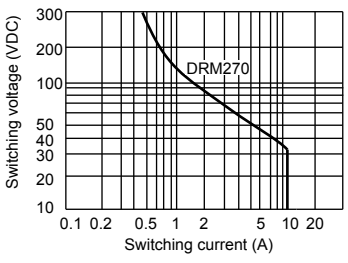
Output	
Load (resistive)	10 A / 250 Vac
Switching power (resistive)	2500 VA, 300W
Contact resistance (initial)	≤ 50 mΩ
Min. load voltage / current	12 V / 10 mA or 5 V / 1 mA (gold plated contact)
Contact material	Silver alloy or silver alloy with gold plating
Electrical endurance / Mechanical endurance	> 25×10^4 (1800 Ops/h) / > 2×10^7 (18000 Ops/h)
Response / dropout delay at rated voltage	≤ 20 ms / ≤ 20 ms
Dielectric strength: Between Coil-contacts	2000VAC/1min / 1000VAC/1min / 2000VAC/1min (leakage
/open contacts / adjacent contacts	current: 1mA)
Input	
Response voltage @ 25˚C	DC: ≥ 75% of raged voltage, AC: ≥ 80% of raged voltage
Dropout voltage @ 25˚C	DC: ≥ 10% of raged voltage, AC: ≥ 30% of raged voltage
Max. voltage @ 25˚C	110% of raged 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	86-106KPa
Shock resistance	10G (half wave of sine pulse: 11ms)
Vibration resistance	10~55Hz dual amplitude: 1.0mm 10~55Hz
Mounting	Push-in connection or PCB welding
Weight	35 g
Min. in package	20 pcs

Application

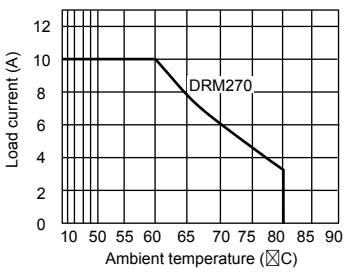
DRM270 electrical life



Max. DC load break capacity



Temperature derating curve



DRM Auxiliary Relay

DRM 270 Relay
2 change over contacts
AC/DC coil

Type code

DRM					
Type DRM					
Type of construction					
2 change over contact					
Coil voltage					
006 6Vdc / 012 12Vdc 024 24Vdc /048 48Vdc 110 110Vdc / 220 220Vdc 524 24Vac / 548 48Vac 615 115Vac / 730 230Vac					
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 information	**24 V AC 2CO**	**48 V AC 2CO**	**115 V AC 2CO**	**230 V AC 2CO**	
Input					
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC	
Rated current (50Hz / 60Hz)	62.4mA/52.2mA	33.3mA/27.8mA	12.6mA/10.8mA	6.1mA/5.2mA	
Coil resistance	160Ω ±10%	600Ω ±10%	3.750Ω ±10%	16.000Ω ±10%	
Response / dropout voltage	19.2V / 7.2V	38.4V / 14.4V	92V / 34.5V	184V / 69V	
Max. voltage	26.4V	52.8V	126.5V	253V	
Power consumption	1.0~1.2VA(60Hz)	1.0~1.2VA(60Hz)	1.0~1.2VA(60Hz)	1.0~1.2VA(60Hz)	

Ordering information						
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						

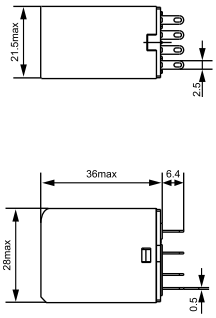
Ordering information	**12 V DC 2CO**	**24 V DC 2CO**	**48 V DC 2CO**	**110 V DC 2CO**	**220 V DC 2CO**
Input					
Rated voltage	12 V DC	24 V DC	48 V DC	110V DC	220V DC
Rated current	75mA	36.9mA	18.5mA	10mA	5.2mA
Coil resistance	160Ω ±10%	650Ω ±10%	2,600Ω ±10%	11,000Ω ±10%	44,000Ω ±10%
Response / dropout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

Ordering information Relay						
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**			

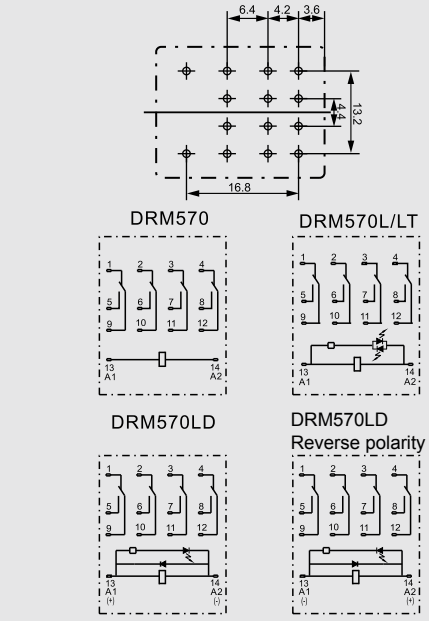
DRM Auxiliary Relay

DRM 570 Relay
4 change over contacts
AC/DC coil

- Small size with high sensitivity
- Reasonable structure with wide usage
- Various types available
- Approvals with cULus TÜV CE



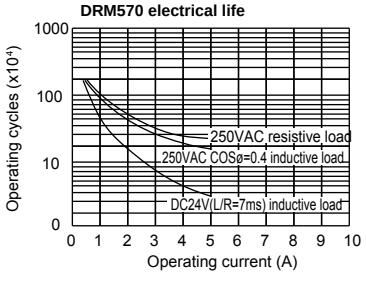
Circuit diagram
PIN top view
Dimensions are in mm



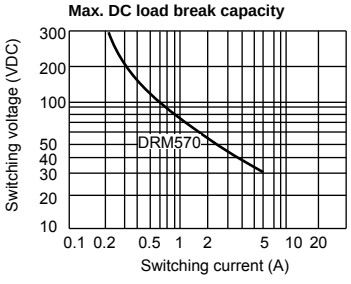
Output	
Load (resistive)	10 A / 250 Vac
Switching power (resistive)	2500 VA, 300W
Contact resistance (initial)	≤ 50 mΩ
Min. load voltage / current	12 V / 10 mA or 5 V / 1 mA (gold plated contact)
Contact material	Silver alloy or silver alloy with gold plating
Electrical endurance / Mechanical endurance	> 25×104 (1800 Ops/h) / > 2×10^7 (18000 Ops/h)
Response / dropout delay at rated voltage	≤ 20 ms / ≤ 20 ms
Dielectric strength: Between Coil-contacts	2000VAC/1min / 1000VAC/1min / 2000VAC/1min (leakage
/open contacts / adjacent contacts	current: 1mA)
Input	
Response voltage @ 25˚C	DC: ≥ 75% of raged voltage, AC: ≥ 80% of raged voltage
Dropout voltage @ 25˚C	DC: ≥ 10% of raged voltage, AC: ≥ 30% of raged voltage
Max. voltage @ 25˚C	110% of raged 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	86-106KPa
Shock resistance	10G (half wave of sine pulse: 11ms)
Vibration resistance	10~55Hz dual amplitude: 1.0mm 10~55Hz
Mounting	Push-in connection or PCB welding
Weight	35 g
Min. in package	20 pcs

Application

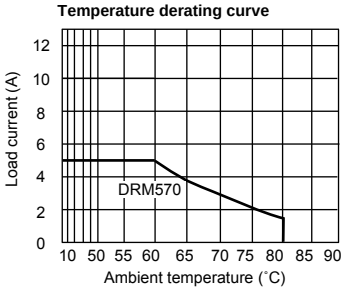
DRM570 electrical life



Max. DC load break capacity



Temperature derating curve



DRM Auxiliary Relay

DRM 570 Relay
4 change over contacts
AC/DC coil

Type code

DRM					
Type DRM					
Type of construction 4 change over contact					
Coil voltage 006 6Vdc / 012 12Vdc 024 24Vdc /048 48Vdc 110 110Vdc / 220 220Vdc 524 24Vac / 548 48Vac 615 115Vav / 730 230Vac					
	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 information	**24 V AC 4CO**	**48 V AC 4CO**	**115 V AC 4CO**	**230 V AC 4CO**	
Input					
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC	
Rated current (50Hz / 60Hz)	62.4mA/52.2mA	33.3mA/27.8mA	12.6mA/10.8mA	6.1mA/5.2mA	
Coil resistance	160Ω ±10%	615Ω ±10%	4,340Ω ±10%	15,000Ω ±10%	
Response / dropout voltage	19.2V / 7.2V	38.4V / 14.4V	92V / 34.5V	184V / 69V	
Max. voltage	26.4V	52.8V	126.5V	253V	
Power consumption	1.0~1.2VA(60Hz)	1.0~1.2VA(60Hz)	1.0~1.2VA(60Hz)	1.0~1.2VA(60Hz)	

Ordering information						
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						

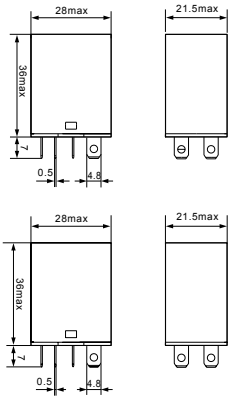
Ordering information	**12 V DC 4CO**	**24 V DC 4CO**	**48 V DC 4CO**	**110 V DC 4CO**	**220 V DC 4CO**
Input					
Rated voltage	12 V DC	24 V DC	48 V DC	110V DC	220V DC
Rated current	75mA	36.9mA	18.5mA	10mA	5.2mA
Coil resistance	160Ω ±10%	630Ω ±10%	2,600Ω ±10%	11,000Ω ±10%	42,000Ω ±10%
Response / dropout voltage	9V / 1.2V	18V / 2.4V	36V / 4.8V	82.5V / 11V	165V / 22V
Max. voltage	13.2V	26.4V	52.8V	121.0V	242V
Power consumption	0.9W	0.9W	0.9W	0.9W	0.9W

Ordering information						
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**			

DRL Power Relay

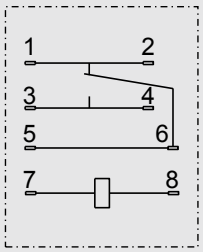
DRL Power Relay
1 or 2 change over contacts, AC/DC coil

- Arc shield
- High dielectric strength: 2,000 V
- Approvals with cULus TÜV CE

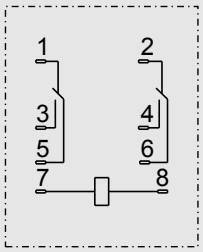


Circuit diagram
PIN top view
Dimensions are in mm

1CO

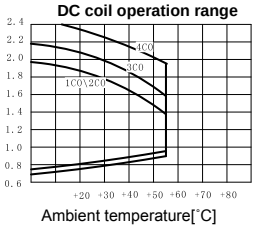


2CO



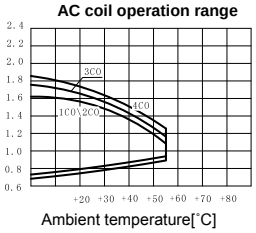
Output		
Max. switching voltage		250 V AC
Continuous current		16 A @ 1CO / 10A @ 2CO
Contact material		AgCdO
Min. load voltage / current		12 V / 100 mA
Contact resistance (initial)		< 50 mΩ
Electrical endurance		> 10 × 10⁴ cycles (1,800 cycles / hour)
Response / dropout delay		< 20 ms / < 20 ms
Input		
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 raged voltage
Coil power consumption		1.2 VA / 0.9 W
General		
Operation temperature		- 25 … 55˚C
Storage temperature		- 25 … 55˚C
Humidity		35 … 85 %
Dielectric strength	Coil-contact	2000V AC / 1 min
	Between N.O. contacts	1000V AC / 1 min
	Between adjacent contacts	2000V AC / 1 min
Clearance / creepage distance		1.5 mm / 4 mm
Insulation IEC60664		
	Rated voltage	250 V
	Pollution category	3
	Over voltage category	III
Vibration resistance		10~55Hz dual amplitude: 1.0mm
Shock resistance		10G (half wave of sine pulse: 11ms)
Approval		CE; TÜV; UL
Weight		35 g
Min. in package		20 pcs
Dimension		
Length x Width x Height		28 x 21.5 x 43 mm

DC coil operation range

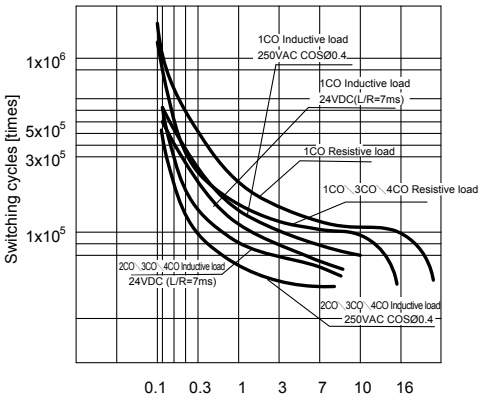


Ambient temperature[˚C]

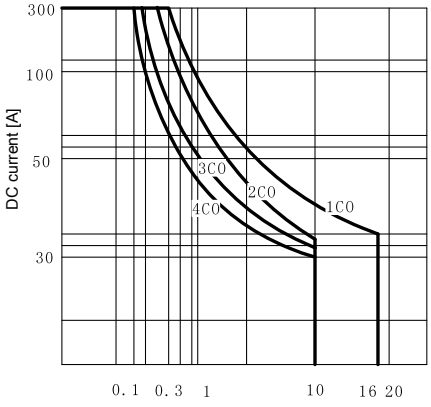
AC coil operation range



Ambient temperature[˚C]



Switching current [A]
Electrical life



DC voltage [V]
Max. DC load contact on-off curve

DRL Power Relay

DRL Power Relay
1 or 2 change over contacts, AC/DC coil

Type code DRL

Type code
Type DRL
Type of construction
170 1 change over contact
270 2 change over contacts

Coil voltage
012 12Vdc / 024 24Vdc
048 48Vdc / 110 110Vdc
220 220Vdc / 524 24Vac
615 115Vac / 730 230Vac

LED indicator

Ordering information	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
Input					
Rated voltage	12 V DC	24 V DC	48 V DC	110 V DC	220 V 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 coil current	75 mA	36.9 mA	18.5 mA	10 mA	5.2 mA
Coil resistance	160Ω ±10%	650Ω ±10%	2,600Ω ±10%	11,000Ω ±10%	42,000Ω ±10%

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

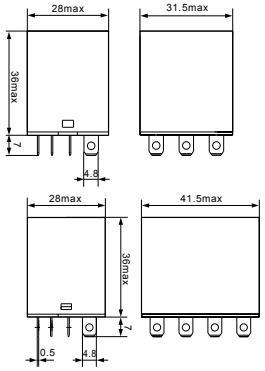
Ordering information	24 V AC	115 V AC	230 V AC		
Input					
Rated voltage	24 V AC	115 V AC	230 V AC		
Response / dropout voltage	19.2 V / 7.2 V	92 V / 34.5 V	184 V / 69 V		
Power consumption	1.2 VA	1.2 VA	1.2 VA		
Rated coil current (50 Hz)	54 mA	12.9 mA	6.8 mA		
Coil resistance	160Ω ±10%	3,750Ω ±10%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

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

DRL Power Relay

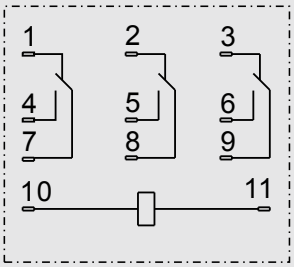
DRL Power Relay
3 or 4 change over contacts, AC/DC coil

- Arc shield
- High dielectric strength: 2,000 V
- Approvals with cULus TÜV CE

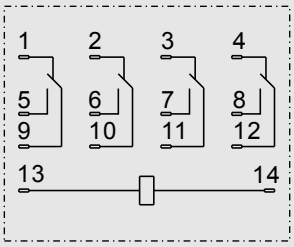


Circuit diagram
PIN top view
Dimensions are in mm

3CO

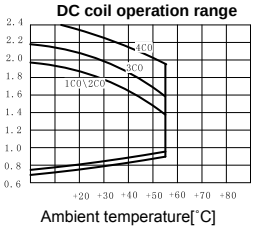


4CO



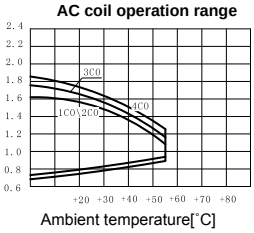
Output		
Max. switching voltage		250 V AC
Continuous current		10A
Contact material		AgCdO
Min. load voltage / current		12 V / 100 mA
Contact resistance (initial)		< 50 mΩ
Electrical endurance		> 10 × 10^4 cycles (1,800 cycles / hour)
Response / dropout delay		< 20 ms / < 20 ms
Input		
Response voltage @ 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 raged voltage
Coil power consumption		3CO:2 VA / 1.4 W; 4CO:2.5 VA / 1.5 W
General		
Operation temperature		- 25 … 55˚C
Storage temperature		- 25 … 55˚C
Humidity		35 … 85 %
Electrical strength	Coil-contact	2000V AC / 1 min
	Between N.O. contacts	1000V AC / 1 min
	Between adjacent contacts	2000V AC / 1 min
Clearance / creepage distance		1.5 mm / 4 mm
Insulation IEC60664		
	Rated voltage	250 V
	Pollution category	3
	Over voltage category	III
Vibration resistance		10~55Hz dual amplitude: 1.0mm
Shock resistance		10G (half wave of sine pulse: 11ms)
Approval		CE; TÜV; UL
Weight		3CO: 50g; 4CO: 65g
Min. in package		10
Dimension		
Length x Width x Height		28 x 21.5 x 43 mm

DC coil operation range

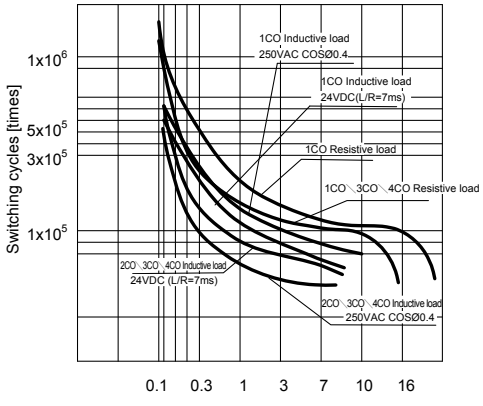


Ambient temperature[˚C]

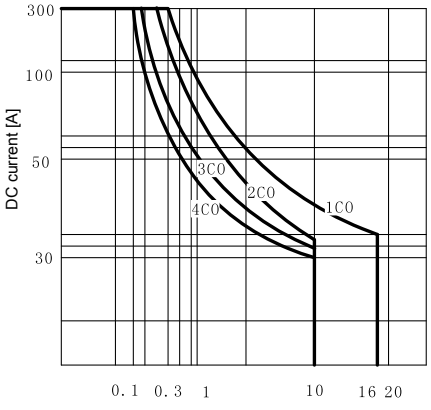
AC coil operation range



Ambient temperature[˚C]



Switching current [A]
Electrical life



DC voltage [V]
Max. DC load contact on-off curve

DRL Power Relay

DRL Power Relay
3 or 4 change over contacts, AC/DC coil

Type code DRL

Type code
Type DRL
Type of construction
370 3 change over contact
570 4 change over contacts

Coil voltage
012 12Vdc / 024 24Vdc
048 48Vdc / 110 110Vdc
220 220Vdc / 524 24Vac
615 115Vac / 730 230Vac

LED indicator

Ordering information	**12 V DC**		**24 V DC**		**48 V DC**		**110 V DC**		**220 V DC**	
Input										
Rated voltage	12 V DC		24 V DC		48 V DC		110 V DC		220 V 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 coil 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	100Ω ±10%	96Ω ±10%	400Ω ±10%	360Ω ±10%	1,600Ω ±10%	1,540Ω ±10%	8,400Ω ±10%	6,800Ω ±10%	33,000Ω ±10%	29,000Ω ±10%

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

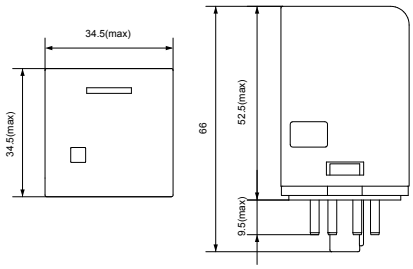
Ordering information	**24 V AC**		**115 V AC**		**230 V AC**					
Input										
Rated voltage	24 V AC		115 V AC		230 V AC					
Response / dropout voltage	19.2 V / 7.2 V		92 V / 34.5 V		184 V / 69 V					
	3CO	4CO	3CO	4CO	3CO	4CO				
Power consumption	2 VA	2.5 VA	2 VA	2.5 VA	2 VA	2.5 VA				
Rated coil current (50 Hz)	80 mA	93.5 mA	16 mA	25.5 mA	10 mA	13.1mA				
Coil resistance	102Ω ±10%	80Ω ±10%	2,300Ω ±10%	1,680Ω ±10%	8,600Ω ±10%	6700Ω ±10%				

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

DRR Power Relay

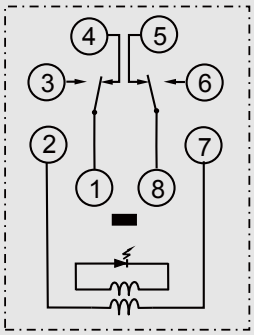
DRR Power Relay
2 change over contacts, AC/DC coil

- 2500 VA switchover capacity
- 8-pin plug in DIN rail installation
- Approvals with TÜV CE

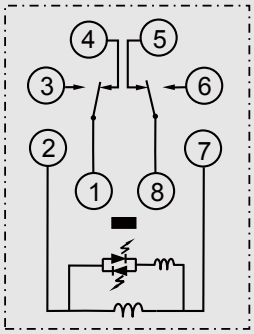


Circuit diagram
PIN top view
Dimensions are in mm

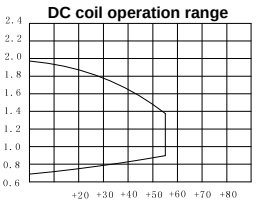
AC

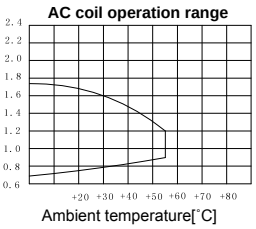


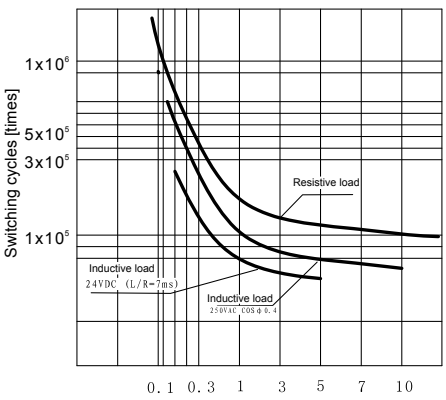
DC



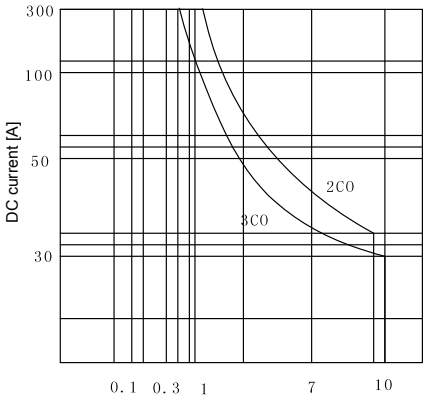
Output		
Max. switching voltage		250 V AC
Continuous current		10A
Contact material		AgCdO
Min. load voltage / current		12 V / 100 mA
Contact resistance (initial)		< 50 mΩ
Electrical endurance		> 10 × 10^4 cycles (1,800 cycles / hour)
Response / dropout delay		< 30 ms / < 20 ms
Input		
Response voltage @ 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 raged voltage
Coil power consumption		2.7 VA / 1.5 W
General		
Operation temperature		- 25 … 55˚C
Storage temperature		- 25 … 55˚C
Humidity		5 … 85 %
Electrical strength	Coil-contact	2500V AC / 1 min
	Between N.O. contacts	1000V AC / 1 min
	Between adjacent contacts	2500V AC / 1 min
Clearance / creepage distance		1.5 mm / 4 mm
Insulation IEC60664		
	Rated voltage	250 V
	Pollution category	3
	Over voltage category	III
Vibration resistance		10~55Hz dual amplitude: 1.0mm
Shock resistance		10G (half wave of sine pulse: 11ms)
Approval		CE; TÜV; UL
Weight		75g
Min. in package		10
Dimension		
Length x Width x Height		34.5 x 34.5 x 66 mm







Switching current [A]
Electrical life



DC voltage [V]
Max. DC load contact on-off curve

DRR Power Relay

DRL Power Relay
2 change over contacts, AC/DC coil

Type code DRR

Type code
Type DRR
Type of construction
270 2 change over contacts

Coil voltage
012 12Vdc / 024 24Vdc
048 48Vdc / 110 110Vdc
220 220Vdc / 524 24Vac
615 115Vac / 730 230Vac

LED indicator

Ordering information	12 V DC 2CO	24 V DC 2CO	48 V DC 2CO	110 V DC 2CO	220 V DC 2CO
Input					
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 coil current	125 mA	55.8 mA	29.3 mA	14.9 mA	7.5 mA
Coil resistance	96Ω ±10%	430Ω ±10%	1640Ω ±10%	7360Ω ±10%	29500Ω ±10%

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

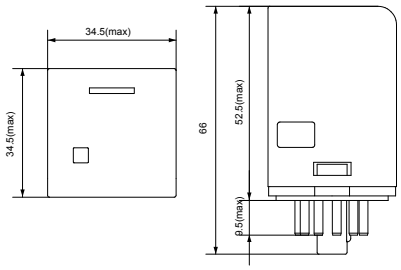
Ordering information	24 V AC 2CO	115 V AC 2CO	230 V AC 2CO		
Input					
Rated voltage	24 V AC	115 V AC	230 V AC		
Response / dropout voltage	19.2 V / 7.2 V	92 V / 34.5 V	184 V / 69 V		
Power consumption	2.7 VA	2.7 VA	2.7 VA		
Rated coil current (50 Hz/60Hz)	130 mA/116 mA	29.8 mA/25.4 mA	14.9 mA/12.7 mA		
Coil resistance	62.5Ω ±10%	1250Ω ±10%	6500Ω ±10%		

Ordering information					
Type	DRR270524L	DRR270615L	DRR270730L		
Order No.	**1133760000**	**1133780000**	**1133800000**		

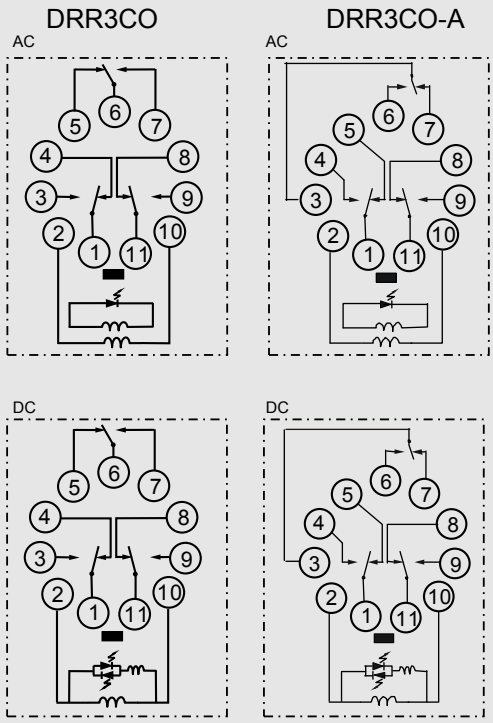
DRR Power Relay

DRR Power Relay
3 change over contacts, AC/DC coil

- 2500 VA switchover capacity
- 11-pin plug in DIN rail installation
- Approvals with TÜV CE

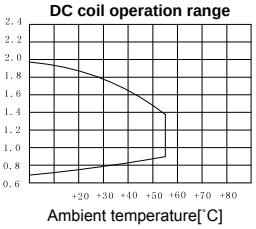


Circuit diagram
PIN top view
Dimensions are in mm



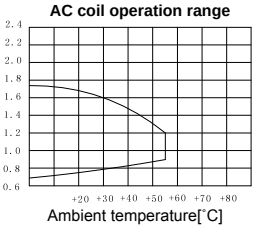
Output		
Max. switching voltage		250 V AC
Continuous current		10A
Contact material		AgNi 90/10
Min. load voltage / current		12 V / 100 mA
Contact resistance (initial)		< 50 mΩ
Electrical endurance		> 10 × 10^4 cycles (1,800 cycles / hour)
Response / dropout delay		< 30 ms / < 20 ms
Input		
Response voltage @ 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 raged voltage
Coil power consumption		2.7 VA / 1.5 W
General		
Operation temperature		- 25 … 55°C
Storage temperature		- 25 … 55°C
Humidity		5 … 85 %
Electrical strength	Coil-contact	2500V AC / 1 min
	Between N.O. contacts	1000V AC / 1 min
	Between adjacent contacts	2500V AC / 1 min
Clearance / creepage distance		1.5 mm / 4 mm
Insulation IEC60664		
	Rated voltage	250 V
	Pollution category	3
	Over voltage category	III
Vibration resistance		10~55Hz dual amplitude: 1.0mm
Shock resistance		10G (half wave of sine pulse: 11ms)
Approval		CE; TÜV; UL
Weight		75g
Min. in package		10
Dimension		
Length x Width x Height		34.5 x 34.5 x 66 mm

DC coil operation range

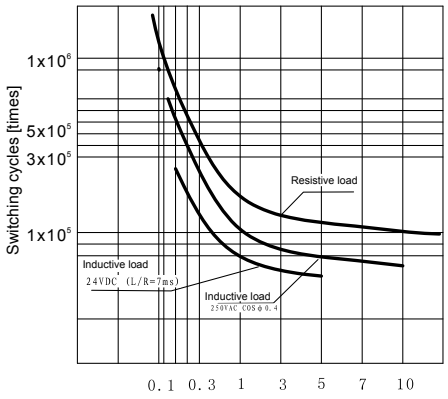


Ambient temperature[˚C]

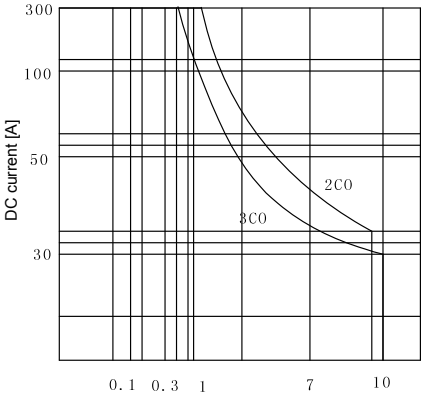
AC coil operation range



Ambient temperature[˚C]



Switching current [A]
Electrical life



DC voltage [V]
Max. DC load contact on-off curve

DRR Power Relay

DRL Power Relay
3 change over contacts, AC/DC coil

Type code DRR

Type DRR
Type of construction

370 3 change over contacts

Coil voltage
012 12Vdc / 024 24Vdc
048 48Vdc / 110 110Vdc
220 220Vdc / 524 24Vac
615 115Vac / 730 230Vac

LED indicator

Ordering information	12 V DC 3CO	24 V DC 3CO	48 V DC 3CO	110 V DC 3CO	220 V DC 3CO
Input					
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 coil current	125 mA	55.8 mA	29.3 mA	14.9 mA	7.5 mA
Coil resistance	96Ω ±10%	430Ω ±10%	1640Ω ±10%	7360Ω ±10%	29500Ω ±10%

Ordering information					
Type	DRR370012L	DRR370024L	DRR370048L	DRR370110L	DRR370220L
Order No.	**1133410000**	**1133420000**	**1133430000**	**1133440000**	**1133560000**
Type	DRR370012L-A	DRR370024L-A	DRR370048L-A	DRR370110L-A	DRR370220L-A
Order No.	**7760056250**	**7760056251**	**7760056252**	**7760056253**	**7760056254**

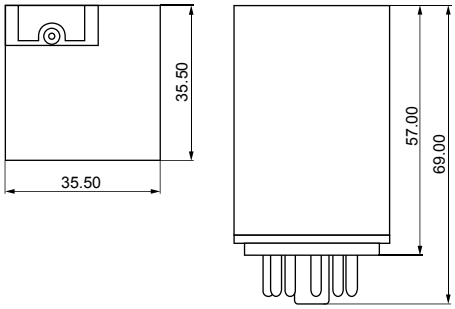
Ordering information	24 V AC 3CO	115 V AC 3CO	230 V AC 3CO		
Input					
Rated voltage	24 V AC	115 V AC	230 V AC		
Response / dropout voltage	19.2 V / 7.2 V	92 V / 34.5 V	184 V / 69 V		
Power consumption	2.7 VA	2.7 VA	2.7 VA		
Rated coil current (50 Hz/60Hz)	130 mA/116 mA	29.8 mA/25.4 mA	14.9 mA/12.7 mA		
Coil resistance	62.5Ω ±10%	1250Ω ±10%	6500Ω ±10%		

Ordering information					
Type	DRR370524L	DRR370615L	DRR370730L		
Order No.	**1133810000**	**1133820000**	**1133830000**		
Type	DRR370524L-A	DRR370615L-A	DRR370730L-A		
Order No.	**7760056255**	**7760056256**	**7760056257**		

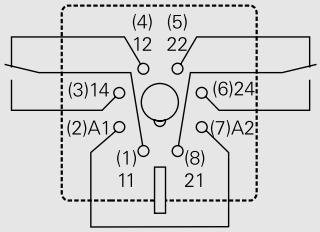
RRD Power Relay

RRD Relay
2 change over contacts
AC/DC coil

- 2500 VA switchover capacity
- With test lever
- Approvals with CE VDE cURus



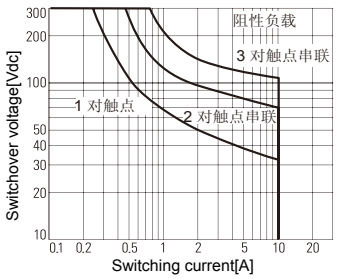
Circuit diagram
PIN top view
Dimensions are in mm



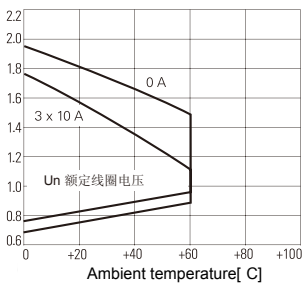
Output	
Max. switching voltage	250 V AC
Continuous current	10A
Contact material	AgNi 90/10
Mechanical endurance	20x10^6 switching cycles
Response / dropout delay at rated voltage	12 ms / 5 ms
General	
Operation temperature	- 45°C … 55°C
UL 94 fire retardant class	V-0
Approval	cURus; CE; VDE
Insulation coordination	
Electrical strength	
Coil-contact	2,500V AC / 1 min
Between N.O. contacts	1,500V AC / 1 min
Between adjacent contacts	2,500V AC / 1 min
Clearance / creepage distance	2.8 mm / 4 mm
Insulation IEC60664	
Rated voltage	250 V
Pollution category	3
Over voltage category	III
Insulation VDE 0110b (2/79)	C / 250
Dielectric index of relay socket	CTI 175
Dimension	
Length x Width x Height	35.5 x 35.5 x 57 mm

Application

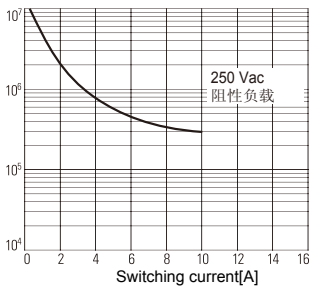
DC load breaking capacity



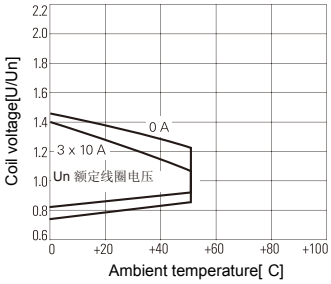
DC coil operation range

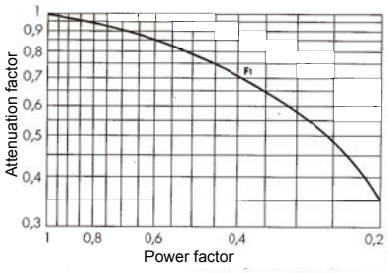


Electrical life



AC coil operation range





Derating curve at COSφ<1 (inductive load)
Actual action times = action times in resistive load x factor in the table

RRD Power Relay

RRD Relay
2 change over contacts
AC/DC coil

Type code RRD [ ] [ ] [ ] [ ]

Type RIDER RounD

Contacts
- 2 2 change over contact, 8-pin
- 3 3 change over contacts, 11-pin

Contact material
- 2 AgNi 90/10

Type of construction
- 1 DC with test lever
- 3 DC with test lever and bipolar LED
- 6 AC with test lever
- 8 AC with test lever and bipolar LED

		Free wheel diode
DC Coil		
006	6 V DC	
012	12 V DC	
024	24 V DC	0C4
048	48 V DC	0E8
060	60 V DC	0G0
110	110 V DC	1B0
220	220 V DC	2C0
AC Coil		
506	6 V AC	
512	12 V AC	
524	24 V AC	
548	48 V AC	
615	115 V AC	
730	230 V AC	

Ordering information	24 V DC 2CO	48 V DC 2CO	110 V DC 2CO	220 V DC 2CO
Input				
Rated voltage	24 V DC	48 V DC	110 V DC	220 V DC
Response / dropout voltage	18.0 V / 2.4 V	36.0 V / 4.8 V	82.5 V / 11.5 V	165 V / 22 V
Power consumption	1,2 W	1,2 W	1,2 W	1,2 W
Rated coil current	50.5 mA	24.0 mA	11.0 mA	5,5 mA
Coil resistance	475 Ω ±10%	2000 Ω ±10%	10000 Ω ±12%	40000 Ω ±15%

Ordering information					
With test lever	Type	RRD221024	RRD221048	RRD221110	
AgNi 90/10	Order No.	**8690370000**	**8690390000**	**8690410000**	
With test lever and LED	Type	RRD223024	RRD223048	RRD223110	RRD223220
AgNi 90/10	Order No.	**8690380000**	**8690400000**	**8690420000**	**8798600000**
	Type				
	Order No.				

Ordering information	24 V AC 2CO	48 V AC 2CO	115 V AC 2CO	230 V AC 2CO
Input				
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC
Response / dropout voltage	19.2 V / 9.6 V	38.4 V / 19.2 V	92.0 V / 46.0 V	184.0 V / 92.0 V
Power consumption	2,3 VA	2,3 VA	2,3 VA	2,3 VA
Rated coil current	94.2 mA	47.5 mA	20.6 mA	10.1 mA
Coil resistance	86 Ω ±10%	345 Ω ±10%	2000 Ω ±10%	8300 Ω ±12%

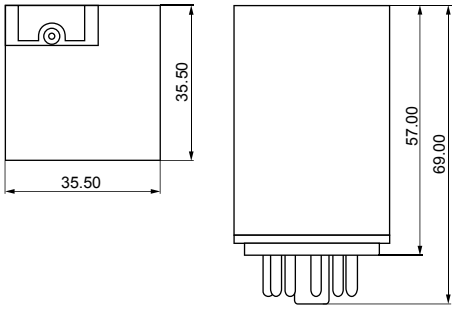
Ordering information Relay					
With test lever	Type	RRD226024	RRD226048	RRD226115	RRD226230
AgNi 90/10	Order No.	**8690270000**	**8690290000**	**8690310000**	**8690330000**
With test lever and LED	Type	RRD228024	RRD228048	RRD228115	RRD228230
AgNi 90/10	Order No.	**8690280000**	**8690300000**	**8690320000**	**8690340000**
	Type				
	Order No.				

Note

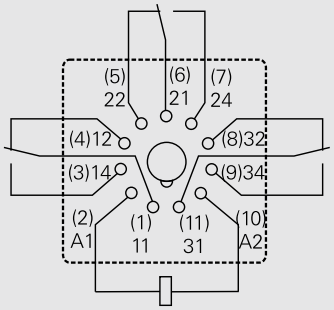
RRD Power Relay

RRD Relay
3 change over contacts
AC/DC coil

- 2500 VA switchover capacity
- With test lever
- Approvals with CE VDE cURus



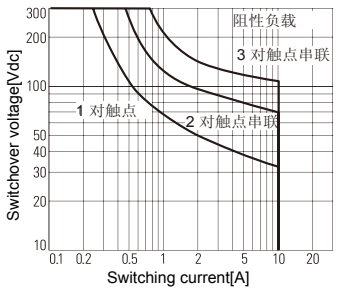
Circuit diagram
PIN top view
Dimensions are in mm



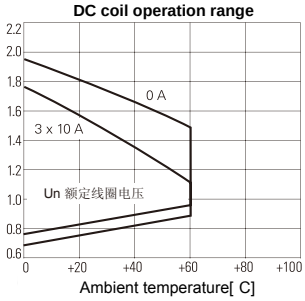
Output	
Max. switching voltage	250 V AC
Continuous current	10A
Contact material	AgNi 90/10
Mechanical endurance	$20x10^6$ switching cycles
Response / dropout delay at rated voltage	12 ms / 5 ms
General	
Operation temperature	AC Coil- 45°C … 50°C/DC Coil- 45°C … 60°C
UL 94 fire retardant class	V-0
Approval	cURus; CE; VDE
Insulation coordination	
Electrical strength	
Coil-contact	2,500V AC / 1 min
Between N.O. contacts	1,500V AC / 1 min
Between adjacent contacts	2,500V AC / 1 min
Clearance / creepage distance	2.8 mm / 4 mm
Insulation IEC60664	
Rated voltage	250 V
Pollution category	3
Over voltage category	III
Insulation VDE 0110b (2/79)	C / 250
Dielectric index of relay socket	CTI 175
Dimension	
Length x Width x Height	35.5 x 35.5 x 57 mm
Note	

Application

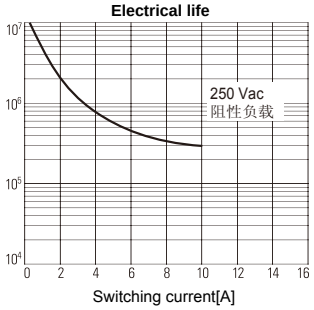
DC load breaking capacity

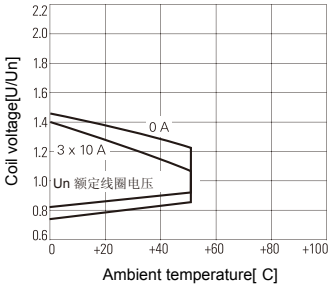


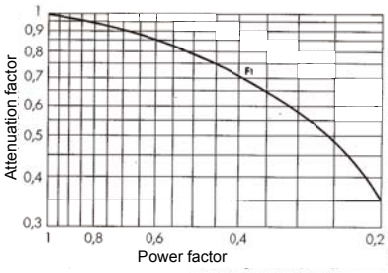
DC coil operation range



Electrical life







Derating curve at COSφ<1 (inductive load)
Actual action times = action times in resistive load x factor in the table

RRD Power Relay

RRD Relay
3 change over contacts
AC/DC coil

Type code RRD [ ] [ ] [ ] [ ]

Type RIDER RounD

Contacts
- 2 2 change over contact, 8-pin
- 3 3 change over contacts, 11-pin

Contact material
- 2 AgNi 90/10

Type of construction
- 1 DC with test lever
- 3 DC with test lever and bipolar LED
- 6 AC with test lever
- 8 AC with test lever and bipolar LED

		Free wheel diode
DC Coil		
006	6 V DC	
012	12 V DC	
024	24 V DC	0C4
048	48 V DC	0E8
060	60 V DC	0G0
110	110 V DC	1B0
220	220 V DC	2C0
AC Coil		
506	6 V AC	
512	12 V AC	
524	24 V AC	
548	48 V AC	
615	115 V AC	
730	230 V AC	

Ordering information	12 V DC 3CO	24 V DC 3CO	110 V DC 3CO	220 V DC 3CO
Input				
Rated voltage	12 V DC	24 V DC	110 V DC	220 V DC
Response / dropout voltage	9 V / 1.2 V	18 V / 2.4 V	82.5 V / 11.5 V	165 V / 22 V
Power consumption	1.2 W	1.2 W	1.2 W	1.2 W
Rated coil current	109.1 mA	50.5 mA	11 mA	5.5 mA
Coil resistance	110 Ω ±10%	475 Ω ±10%	10000 Ω ±12%	40000 Ω ±15%

Ordering information					
With test lever	Type	RRD321012	RRD321024	RRD321110	RRD321220
AgNi 90/10	Order No.	**8799030000**	**8690610000**	**8690650000**	**7940007742**
With test lever and LED	Type		RRD323024	RRD323110	RRD323220
AgNi 90/10	Order No.		**8690620000**	**8690660000**	**8798610000**
With test lever and suppressing diode	Type		RRD3210C4	RRD3211B0	RRD3212C0
AgNi 90/10	Order No.		**8797650000**	**8797640000**	**8797610000**
With LED, test lever and suppressing diode	Type		RRD3230C4		RRD3232C0
AgNi 90/10	Order No.		**7940007732**		**8829400000**
Note					

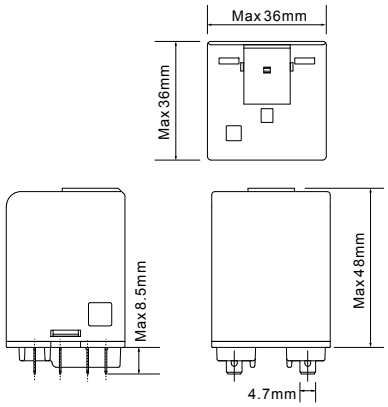
Ordering information	24 V AC 3CO	48 V AC 3CO	115 V AC 3CO	230 V AC 3CO
Input				
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC
Response / dropout voltage	19.2 V / 9.6 V	38.4 V / 19.2 V	92 V / 46 V	184 V / 92 V
Power consumption	2.3 VA	2.3 VA	2.3 VA	2.3 VA
Rated coil current	94.2 mA	47.5 mA	20.6 mA	10.1 mA
Coil resistance	86 Ω ±10%		2000 Ω ±10%	8300 Ω ±12%

Ordering information					
With test lever	Type	RRD326024	RRD326048	RRD326115	RRD326230
AgNi 90/10	Order No.	**8690450000**	**8690470000**	**8690550000**	**8690570000**
With test lever and LED	Type	RRD328024	RRD328048	RRD328115	RRD328230
AgNi 90/10	Order No.	**8690460000**	**8690480000**	**8690560000**	**8690580000**
	Type				
	Order No.				
Note					

DRH DC Relay

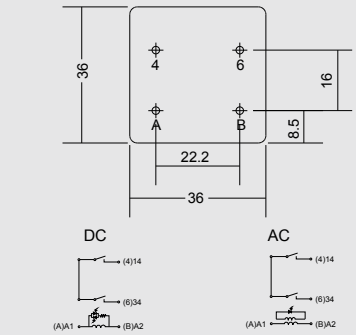
DRH DC Relay
1 N.O. contact and 1 N.C. contact
AC / DC coil

- Suitable to switch heavy DC load
- Arc shield
- With LED and test lever
- Approval with CE cULus TÜV

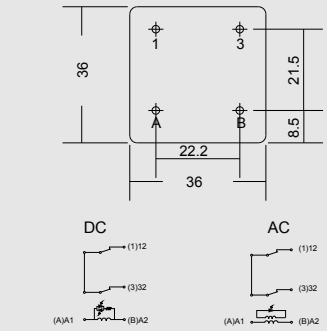


Circuit diagram
PIN top view
Dimensions are in mm

1NO

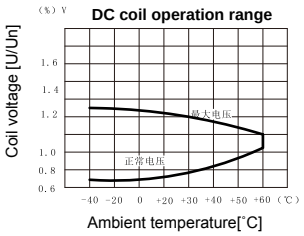


1NC

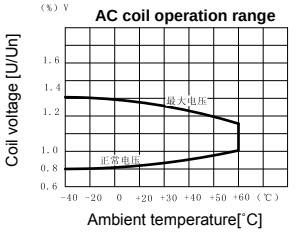


Output		
Max. switching voltage		AC: 500 V; DC: 220 V
Continuous current		16 A@ 500 VAC; 10 A@ 220 VDC
Contact material		AgSnO2
Min. load voltage / current		12 VDC / 100 mA
Contact resistance (initial)		< 50 mΩ
Electrical endurance		> 10 × 10^4 cycles
Response / dropout delay		< 20 ms / < 20 ms
Max. 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 raged voltage
Coil power consumption		2.5 VA / 1.5 W
General		
Operation temperature		- 40˚C … 60˚C
Storage temperature		- 40˚C … 60˚C
Humidity		35 … 85 %
Electrical strength	Coil-contact	4,000V AC / 1 min
	Between N.O. contacts	2,500V AC / 1 min
	Between adjacent contacts	4,000V AC / 1 min
Clearance / creepage distance		1.5 mm / 4 mm
Insulation IEC60664		
	Rated voltage	400 V
	Pollution category	3
	Over voltage category	III
Vibration resistance		10~55Hz dual amplitude: 1.0mm
Shock resistance		10G (half wave of sine pulse: 11ms)
Approval		CE; TÜV; UL
Weight		48 g
Dimension		
Length x Width x Height		36 x 36 x 48 mm

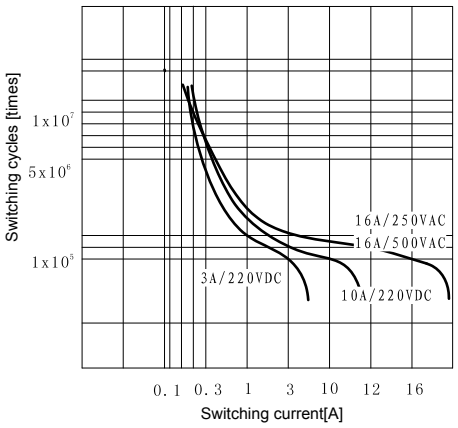
DC coil operation range



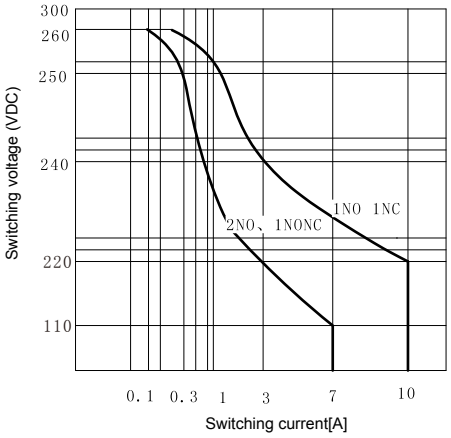
AC coil operation range



Electrical life



Max. DC load contact on-off curve



DRH DC Relay

DRH DC Relay
1 N.O. contact and 1 N.C. contact
AC / DC coil

Type code DRH

Type DRH
Type of construction
173 1NO
174 1NC

Coil voltage
012 12Vdc / 024 24Vdc
048 48Vdc / 110 110Vdc
220 220Vdc / 524 24Vac
548 48Vac / 615 115Vac
730 230Vac

With LED or test lever
LT

Ordering information	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
Input					
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	100Ω ±10%	400Ω ±10%	1,600Ω ±10%	8,400Ω ±10%	33,000Ω ±10%

Ordering information						
1 N.O. contact	Type	DRH173012LT	DRH173024LT	DRH173048LT	DRH173110LT	DRH173220LT
	Order No.	**1219840000**	**1219850000**	**1219860000**	**1219870000**	**1219880000**
1 N.C. contact	Type	DRH174012LT	DRH174024LT	DRH174048LT	DRH174110LT	DRH174220LT
	Order No.	**1219940000**	**1219950000**	**1219960000**	**1219970000**	**1219980000**
With test lever locking 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**

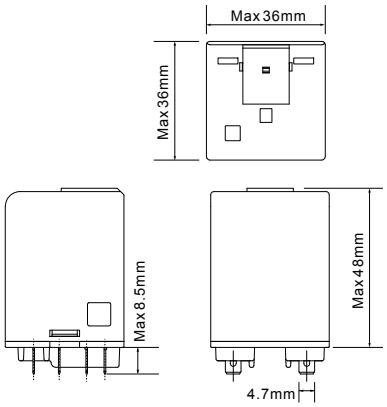
Ordering information	24 V AC	48 V AC	115 V AC	230 V AC
Input				
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC
AC response / dropout voltage	19.2V / 7.2 V	38.4 V / 14.4 V	92 V / 34.5 V	184 V / 69 V
Power consumption	2.5 VA	2.5 VA	2.5 VA	2.5 VA
AC rated current	101.7 mA	51.04 mA	21.2 mA	10.61 mA
Coil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

Ordering information						
1 N.O. contact	Type	DRH173524LT	DRH173548LT	DRH173615LT	DRH173730LT	
	Order No.	**1219890000**	**1219910000**	**1219920000**	**1219930000**	
1 N.C. contact	Type	DRH174012LT	DRH174024LT	DRH174048LT	DRH174110LT	
	Order No.	**1219990000**	**1220010000**	**1220020000**	**1220030000**	
With test lever locking 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

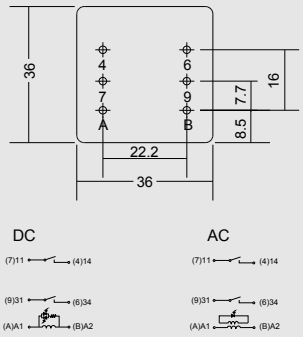
DRH DC Relay
2 N.O. contact and 1 N.O./1 N.C. contact
AC / DC coil

- Suitable to switch heavy DC load
- Arc shield
- With LED and test lever
- Approval with CE cULus TÜV

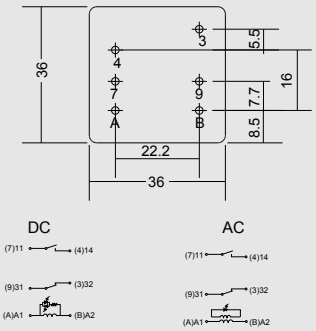


Circuit diagram
PIN top view
Dimensions are in mm

2NO

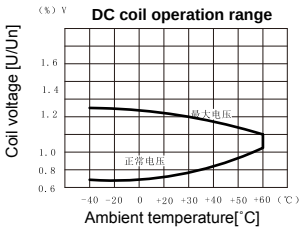


1NO/1NC

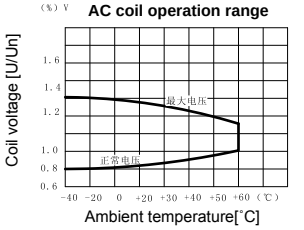


Output		
Max. switching voltage		AC: 250 V; DC: 220 V
Continuous current	2NO	16 A@ 250 VAC; 3 A@ 220 VDC;7A@110VDC
	1NO/1NC	16 A@ 250 VAC; 3 A@ 220 VDC;7A@110VDC
Contact material		$AgSnO_2$
Min. load voltage / current		12 VDC / 100 mA
Contact resistance (initial)		< 50 mΩ
Electrical endurance		> 10 × 10^4 cycles
Response / dropout delay		< 20 ms / < 20 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 raged voltage
Coil power consumption		2.5 VA / 1.5 W
General		
Operation temperature		- 40 … 60˚C
Storage temperature		- 40 … 60˚C
Humidity		35 … 85 %
Electrical strength	Coil-contact	4,000V AC / 1 min
	Between N.O. contacts	2,500V AC / 1 min
	Between adjacent contacts	4,000V AC / 1 min
Clearance / creepage distance		1.5 mm / 4 mm
Insulation IEC60664		
	Rated voltage	400 V
	Pollution category	3
	Over voltage category	III
Vibration resistance		10~55Hz dual amplitude: 1.0mm
Shock resistance		10G (half wave of sine pulse: 11ms)
Approval		CE; TÜV; UL
Weight		48 g
Dimension		
Length x Width x Height		36 x 36 x 48 mm

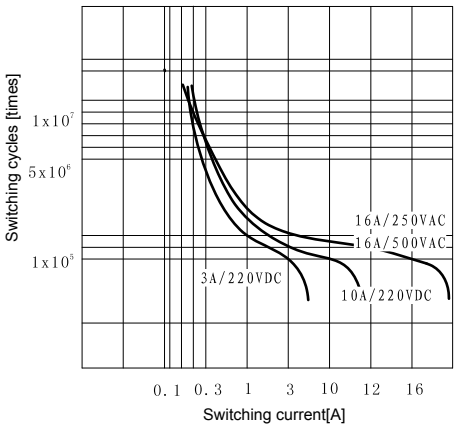
DC coil operation range



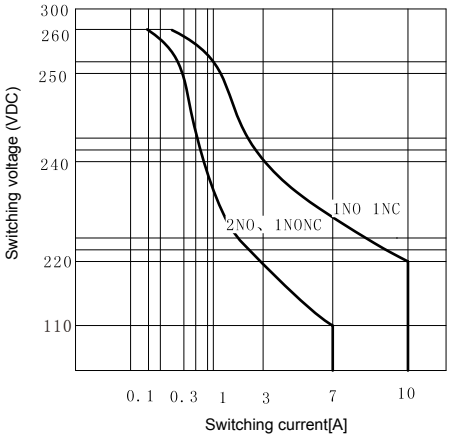
AC coil operation range



Electrical life



Max. DC load contact on-off curve



DRH DC Relay

DRH DC Relay
2 N.O. contact and 1 N.C. contact
AC / DC coil

Type code DRH

Type DRH
Type of construction
275 1NO/1NC
276 2NO

Coil voltage
012 12Vdc / 024 24Vdc
048 48Vdc / 110 110Vdc
220 220Vdc / 524 24Vac
548 48Vac / 615 115Vac
730 230Vac

With LED or test lever
LT

Ordering information	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
Input					
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	100Ω ±10%	400Ω ±10%	1,600Ω ±10%	8,400Ω ±10%	33,000Ω ±10%

Ordering information						
1 N.O. contact/ 1 N.C. contact	Type	DRH275012LT	DRH275024LT	DRH275048LT	DRH275110LT	DRH275220LT
	Order No.	**1220040000**	**1220050000**	**1220060000**	**1220070000**	**1220080000**
2 N.O. contact	Type	DRH276012LT	DRH276024LT	DRH276048LT	DRH276110LT	DRH276220LT
	Order No.	**1220140000**	**1220150000**	**1220170000**	**1220180000**	**1220190000**
With test lever locking 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**

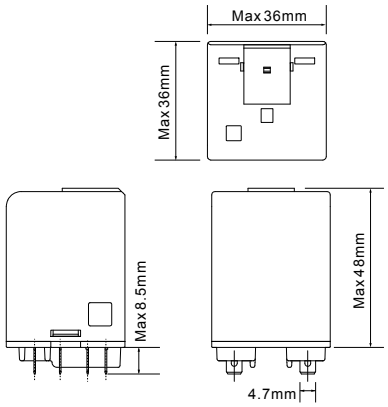
Ordering information	24 V AC	48 V AC	115 V AC	230 V AC
Input				
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC
DC response / dropout voltage	19.2V / 7.2 V	38.4 V / 14.4 V	92 V / 34.5 V	184 V / 69 V
Power consumption	2.5 VA	2.5 VA	2.5 VA	2.5 VA
DC rated current	101.7 mA	51.04 mA	21.2 mA	10.61 mA
Coil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

Ordering information						
1 N.O. contact/ 1 N.C. contact	Type	DRH275524LT	DRH275548LT	DRH275615LT	DRH275730LT	
	Order No.	**1220090000**	**1220110000**	**1220120000**	**1220130000**	
2 N.O. contact	Type	DRH276524LT	DRH276548LT	DRH276615LT	DRH276730LT	
	Order No.	**1220200000**	**1220210000**	**1220220000**	**1220230000**	
With test lever locking 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**	

DRW Power Relay

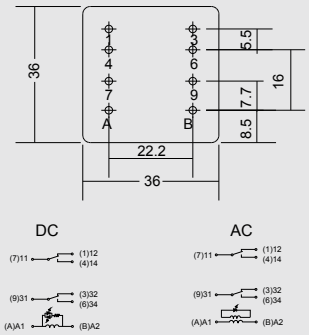
DRW power relay
2CO / 3CO contacts
AC / DC coil

- Suitable to switch high voltage load
- With LED and test lever
- Approval with CE cULus TÜV

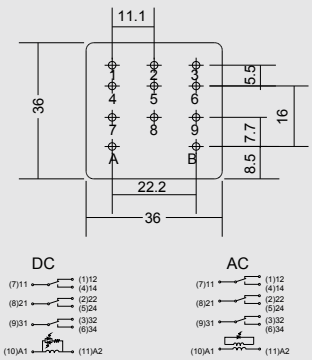


Circuit diagram
PIN top view
Dimensions are in mm

2CO

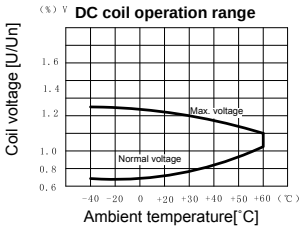


3CO

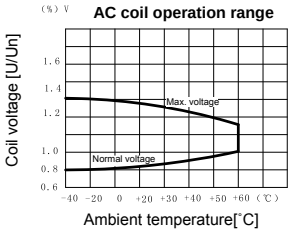


Output		
Max. switching voltage		400 V AC
Continuous current		16 A@ 400 VAC; 16 A@ 30 VDC
Contact material		AgCdO
Min. load voltage / current		12 VDC / 100 mA
Contact resistance (initial)		< 50 mΩ
Electrical endurance		> 10 × 10^4 cycles
Response / dropout delay		< 20 ms / < 10 ms
Max. switching frequency 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 raged voltage
Coil power consumption		2.5 VA / 1.5 W
General		
Operation temperature		2CO: - 40 … 60℃; 3CO: - 40 ... 50 C;
Storage temperature		- 40 … 60℃
Humidity		35 … 85 %
Electrical strength	Coil-contact	4,000V AC / 1 min
	Between N.O. contacts	2,500V AC / 1 min
	Between adjacent contacts	4,000V AC / 1 min
Clearance / creepage distance		3.5 mm / 6 mm
Insulation IEC60664		
	Rated voltage	400 V
	Pollution category	3
	Over voltage category	III
Vibration resistance		10~55Hz dual amplitude: 1.0mm
Shock resistance		10G (half wave of sine pulse: 11ms)
Approval		CE; TÜV; UL
Weight		51 g
Dimension		
Length x Width x Height		36 x 36 x 48 mm

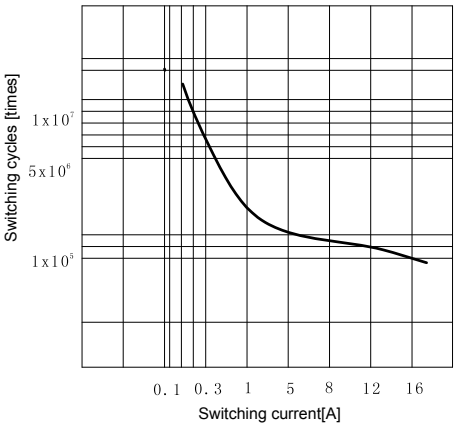
DC coil operation range



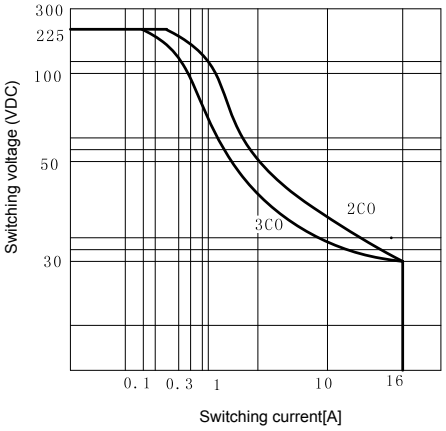
AC coil operation range



Electrical life



Max. DC load contact on-off curve



DRW Power Relay

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

Type code DRW

Type DRW
Type of construction
270 2CO
174 1NC

Coil voltage
012 12Vdc / 024 24Vdc
048 48Vdc / 110 110Vdc
220 220Vdc / 524 24Vac
548 48Vac / 615 115Vac
730 230Vac / 900 400Vac

With LED or test lever
LT

Ordering information	12 V DC	24 V DC	48 V DC	110 V DC	220 V DC
Input					
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	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	100Ω ±10%	400Ω ±10%	1,600Ω ±10%	8,400Ω ±10%	33,000Ω ±10%

Ordering information						
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**
With test lever locking 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**

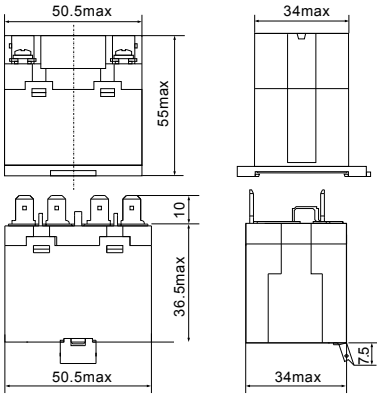
Ordering information	24V AC	48V AC	115V AC	230V AC	400V AC
Input					
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC	400 V AC
AC response / dropout voltage	19.2V / 7.2 V	38.4 V / 14.4 V	92 V / 34.5 V	184 V / 69 V	320 V / 120 V
Power consumption	2.5 VA	2.5 VA	2.5 VA	2.5 VA	2.5 VA
AC rated current	101.7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

Ordering information						
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**
With test lever locking 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**

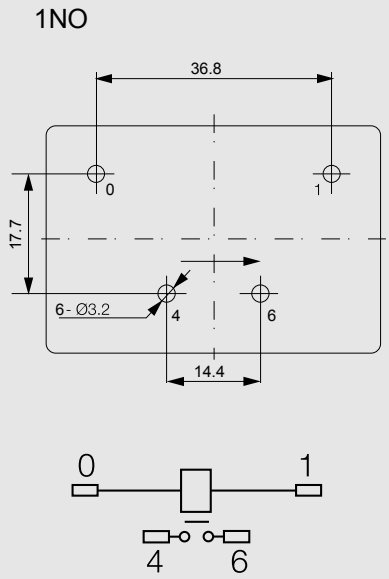
PWR High Power Relay

PWR high power relay
1 N.O. contact
AC / DC coil

- Max. load current: 30 A
- Various mounting methods available
- Approval with CE TÜV

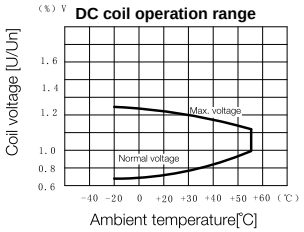


Circuit diagram
PIN top view
Dimensions are in mm

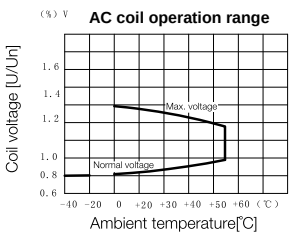


Output		
Max. switching voltage		277 V AC
Continuous current		30 A
Contact material		Ag alloy
Min. load voltage / current		12 VDC / 100 mA
Contact resistance (initial)		< 50 mΩ
Electrical endurance		> 10 × 10^4 cycles
Response / dropout delay		< 20 ms / < 10 ms
Input		
Response voltage @ 25°C		AC: ≤ 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 raged voltage
Coil power consumption		2.5 VA / 1.9 W
General		
Operation temperature		- 25 … 55°C
Storage temperature		- 25 … 55°C
Humidity		35 … 85 %
Electrical strength	Coil-contact	2,000V AC / 1 min
	Between N.O. contacts	2,000V AC / 1 min
	Between adjacent contacts	4,000V AC / 1 min
Clearance / creepage distance		3.5 mm / 6 mm
Insulation IEC60664		
	Rated voltage	250 V
	Pollution category	3
	Over voltage category	III
Vibration resistance		10~55Hz dual amplitude: 1.0mm
Shock resistance		10G (half wave of sine pulse: 11ms)
Approval		CE; TÜV
Weight		Push-in connection/PCB welding: 90g; DIN-rail mounting: 120g
Dimension		
Length x Width x Height		34 x 50.5 x 36.5 mm

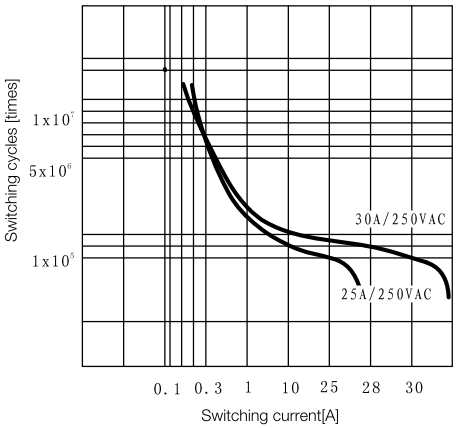
DC coil operation range



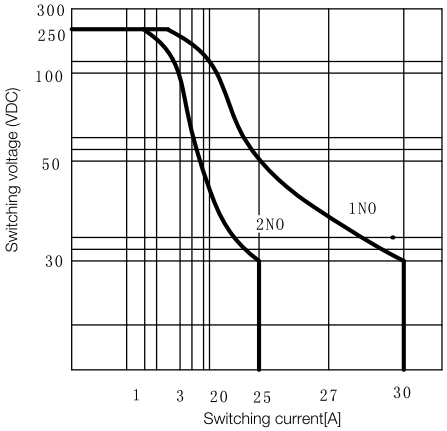
AC coil operation range



Electrical life



Max. DC load contact on-off curve



PWR High Power Relay

PWR high power relay
1 N.O. contact
AC / DC coil

Type code PWR [ ] [ ] [ ] [ ]

Type PWR
Type of construction and mounting
- 153 1N.O. contact, push-in connection
- 173 1N.O. contact, DIN-rail mounting

Coil voltage
- 006 6Vdc / 012 12Vdc
- 024 24Vdc / 048 48Vdc
- 110 110Vdc / 220 220Vdc
- 524 24Vac / 548 48Vac
- 615 115Vac / 730 230Vac
- 880 380Vac

- L with LED
- T with test lever
- P PCB welding

Ordering information	6 V DC 1NO	12 V DC 1NO	24 V DC 1NO	48 V DC 1NO	110 V DC 1NO	220 V DC 1NO
Input						
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	18.9Ω ±10%	75Ω ±10%	303Ω ±10%	1,220Ω ±10%	6,360Ω ±10%	25,474Ω ±10%

Ordering information							
plug-in , need socket	Type	PWR153006LT	PWR153012LT	PWR153024LT	PWR153048LT	PWR153110LT	PWR153220LT
	Order No.	**1219590000**	**1219610000**	**1219620000**	**1219630000**	**1219640000**	**1219650000**
Din rail installation,no need socket	Type	PWR173006L	PWR173012L	PWR173024L	PWR173048L	PWR173110L	PWR173220L
	Order No.	**1219460000**	**1219470000**	**1219480000**	**1219490000**	**1219510000**	**1219520000**
PCB soldering	Type	PWR153006P	PWR153012P	PWR153024P	PWR153048P	PWR153110P	PWR153220P
	Order No.	**1233010000**	**1233020000**	**1233030000**	**1233040000**	**1233050000**	**1233060000**

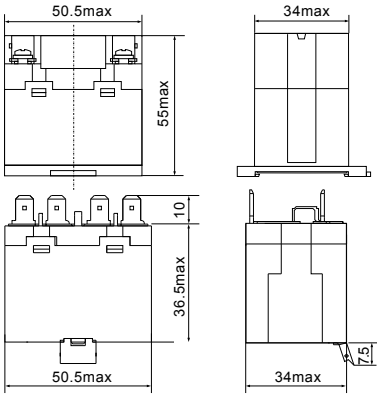
Ordering information	24 V AC 1NO	48 V AC 1NO	115 V AC 1NO	230 V AC 1NO	380 V AC 1NO
Input					
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC	115 V AC
AC response / dropout voltage	18V / 3.6 V	36 V / 7.2 V	86.3 V / 17.3 V	172.5 V / 34.5 V	285 V / 57 V
Power consumption	2.5 VA	2.5 VA	2.5 VA	2.5 VA	2.5 VA
AC rated current	87.3 mA	43.6 mA	22.1 mA	11.0 mA	6.1 mA
Coil resistance	275Ω ±10%	1,100Ω ±10%	5,200Ω ±10%	21,000Ω ±10%	62,650Ω ±10%

Ordering information							
Din-rail mounting without socket	Type	PWR153524LT	PWR153548LT	PWR153615LT	PWR153730LT	PWR153880LT	
	Order No.	**1219230000**	**1219240000**	**1219250000**	**1219260000**	**1219270000**	
Push-in connection with socket	Type	PWR173524L	PWR173548L	PWR173615L	PWR173730L	PWR173880L	
	Order No.	**1219090000**	**1219120000**	**1219130000**	**1219140000**	**1219150000**	
PCB welding	Type	PWR153524P	PWR153548P	PWR153615P	PWR153730P	PWR153880P	
	Order No.	**1232860000**	**1232870000**	**1232880000**	**1232890000**	**1232900000**	

PWR High Power Relay

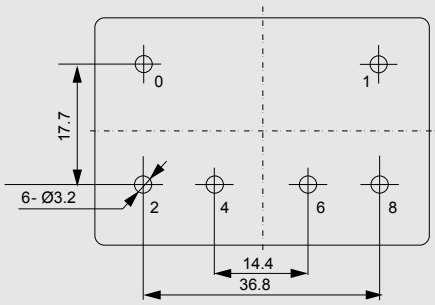
PWR high power relay
2 N.O. contact
AC / DC coil

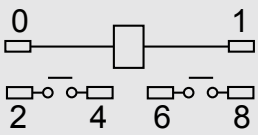
- Max. load current: 25 A
- Various mounting methods available
- Approval with CE TÜV



Circuit diagram
PIN top view
Dimensions are in mm

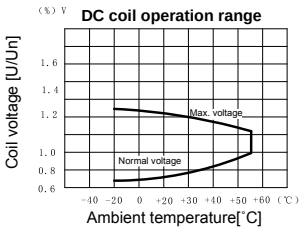
2NO



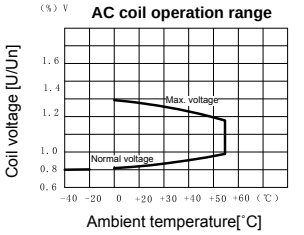


Output		
Max. switching voltage		277 V AC
Continuous current		25 A
Contact material		Ag alloy
Min. load voltage / current		12 VDC / 100 mA
Contact resistance (initial)		< 50 mΩ
Electrical endurance		> 10 × 10^4 cycles
Response / dropout delay		< 30 ms / < 30 ms
Input		
Response voltage @ 25˚C		AC: ≤ 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 raged voltage
Coil power consumption		2.5 VA / 1.9 W
General		
Operation temperature		- 25 … 55˚C
Storage temperature		- 25 … 55˚C
Humidity		35 … 85 %
Electrical strength	Coil-contact	2,000V AC / 1 min
	Between N.O. contacts	2,000V AC / 1 min
	Between adjacent contacts	4,000V AC / 1 min
Clearance / creepage distance		1.5 mm / 4 mm
Insulation IEC60664		
	Rated voltage	250 V
	Pollution category	3
	Over voltage category	III
Vibration resistance		10~55Hz dual amplitude: 1.0mm
Shock resistance		10G (half wave of sine pulse: 11ms)
Approval		CE; TÜV
Weight		Push-in connection/PCB welding: 90g; DIN-rail mounting: 120g
Dimension		
Length x Width x Height		34 x 50.5 x 36.5 mm

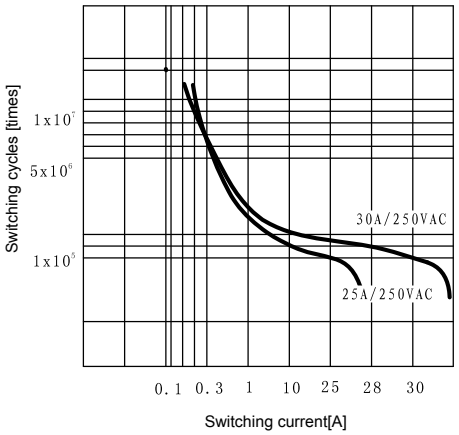
DC coil operation range



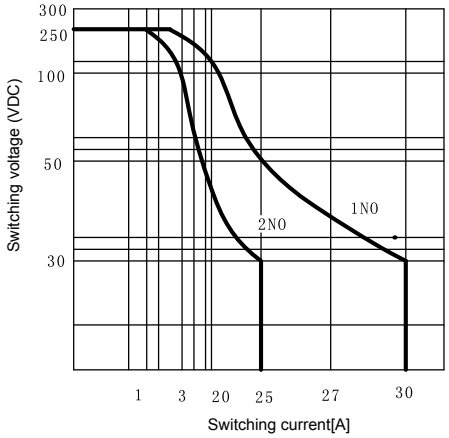
AC coil operation range



Electrical life



Max. DC load contact on-off curve



PWR High Power Relay

PWR high power relay
2 N.O. contact
AC / DC coil

Type code PWR

Type PWR

Type of construction and mounting
- 256 2N.O. contact, push-in connection
- 276 2N.O. contact, DIN-rail mounting

Coil voltage
- 006 6Vdc / 012 12Vdc
- 024 24Vdc / 048 48Vdc
- 110 110Vdc / 220 220Vdc
- 524 24Vac / 548 48Vac
- 615 115Vac / 730 230Vac
- 880 380Vac

- L with LED
- T with test lever
- P PCB welding

Ordering information	6 V DC 2NO	12 V DC 2NO	24 V DC 2NO	48 V DC 2NO	110 V DC 2NO	220 V DC 2NO
Input						
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	18.9Ω ±10%	75Ω ±10%	303Ω ±10%	1,220Ω ±10%	6,360Ω ±10%	25,474Ω ±10%

Ordering information							
plug-in , need socket	Type	PWR256006LT	PWR256012LT	PWR256024LT	PWR256048LT	PWR256110LT	PWR256220LT
	Order No.	**1219660000**	**1219670000**	**1219680000**	**1219690000**	**1219710000**	**1219720000**
Din rail installation,no need socket	Type	PWR276006L	PWR276012L	PWR276024L	PWR276048L	PWR276110L	PWR276220L
	Order No.	**1219530000**	**1219540000**	**1219550000**	**1219560000**	**1219570000**	**1219580000**
PCB soldering	Type	PWR256006P	PWR256012P	PWR256024P	PWR256048P	PWR256110P	PWR256220P
	Order No.	**1233070000**	**1233080000**	**1233090000**	**1233110000**	**1233120000**	**1233130000**

Ordering information	24 V AC 2NO	48 V AC 2NO	115 V AC 2NO	230 V AC 2NO	380 V AC 2NO
Input					
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC	115 V AC
AC response / dropout voltage	18V / 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
AC rated current	87.3 mA	43.6 mA	22.1 mA	11.0 mA	6.1 mA
Coil resistance	275Ω ±10%	1,100Ω ±10%	5,200Ω ±10%	21,000Ω ±10%	62,650Ω ±10%

Ordering information						
plug-in , need socket	Type	PWR256524LT	PWR256548LT	PWR256615LT	PWR256730LT	PWR256880LT
	Order No.	**1219280000**	**1219290000**	**1219320000**	**1219330000**	**1219340000**
Din rail installation,no need socket	Type	PWR276524L	PWR276548L	PWR276615L	PWR276730L	PWR276880L
	Order No.	**1219160000**	**1219170000**	**1219180000**	**1219190000**	**1219220000**
PCB soldering	Type	PWR256524P	PWR256548P	PWR256615P	PWR256730P	PWR256880P
	Order No.	**1232910000**	**1232920000**	**1232930000**	**1232940000**	**1232990000**

Relay Socket

Separated socket (for RCL relay)

Ordering information

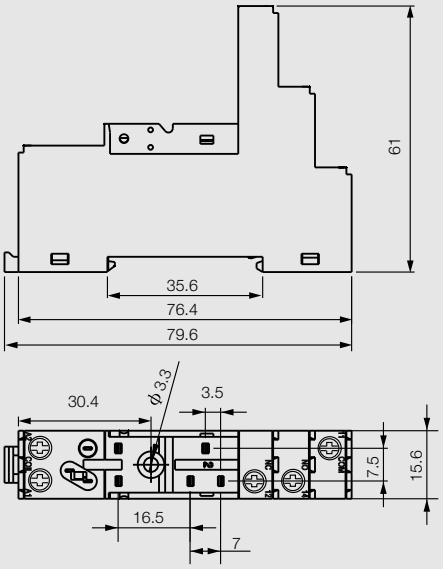
Technical data		
Rated current	1CO/2CO	1 x 12A / 2 x 12A
Rated voltage		300 Vac
Coil/contact electrical strength		>4000 V_{rms}
Insulation (VDE 0110b)		C / 250 Vac
Ambient temperature		-40...+70°C
Protection level		IP 20
Electric shock prevention category		VBG 4
Wire cross section / with terminal		2 x 2.5 mm^2 / 2 x 1.5 mm^2
Wiring torque / max.		0.5Nm / 0.8Nm
Packing unit		10 pcs.

Sockets connected by screws, DIN-rail mounting

Description	Type	Order No.
3.5mm pitch, DIN-rail mounting	SRC ECO 1CO*	**7760056005**
5mm pitch screw connected sockets, DIN-rail mounting	SRC ECO 2CO*	**7760056006**
Accessories		
Mark, for SRC ECO relay sockets	Mark SRC ECO	**7760056178**

* SRC ECO sockets already have plastic release clip and mark

Circuit diagram
PIN top view
Dimensions are in mm



Separated socket (for RCM and DRM relays)

Ordering information

Technical data	
Rated current	4 x 6 A, 3 x 10 A, 2 x 12 A
Rated voltage	300 Vac
Coil/contact electrical strength	>4000 V_{rms}
Insulation (VDE 0110b)	C / 250 Vac
Ambient temperature	-40...+70°C
Protection level	IP 20
Electric shock prevention category	VBG 4
Wire cross section / with terminal	2 x 2.5 mm^2 / 2 x 1.5 mm^2
Wiring torque / max.	0.5 Nm / 0.8 Nm
Packing unit	10 pcs.

Sockets connected by screws, DIN-rail mounting

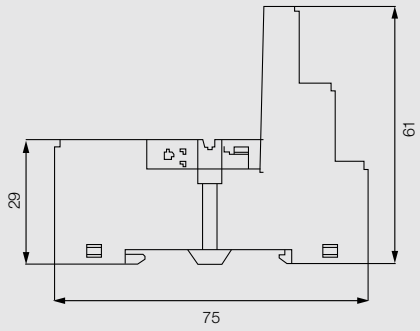
Description	Type	Order No.
Sockets connected by screws, DIN-rail mounting, 2CO	SCM 2CO	**8690880000**
	SCM ECO 2CO*	**7760056007**
Sockets connected by screws, DIN-rail mounting, 3CO	SCM 3CO	**8690890000**
Sockets connected by screws, DIN-rail mounting, 4CO	SCM 4CO	**8690900000**
	SCM ECO 4CO*	**7760056008**

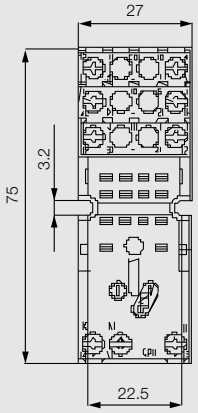
* SRC ECO sockets already have plastic release clip and mark

Relay clips (plastic and metal)

Ordering information		
For SCM 2CO, SCM 3CO and SCM 4CO		
Description	**Type**	**Order No.**
Plastic clip for RCM of 29 mm	SCM CLIP P	**8691110000**
Metal clip for RCM of 29 mm	SCM CLIP M	**7760056039**
Accessories		
Mark, for SRC ECO relay sockets	Mark SCM ECO	**7760056179**

Dimensions are in mm





Relay Socket

Hybrid socket (for RCM and DRM relay)

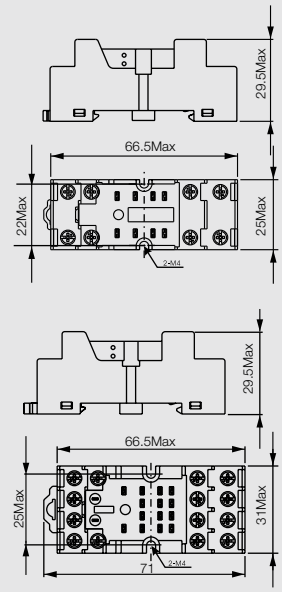
Ordering information

Technical data				
Rated current	2CO/4CO	12A/10A		
Rated voltage		300Vac		
Dielectric withstand voltage / coil-contacts		2500Vrms		
Dielectric withstand voltage / between contacts		2500Vrms		
Wiring torque / max.		0.5Nm/0.8Nm		
Wire		0.5-2.5 mm²		
Environments		-40°C...+70°C		
Weight	2CO/4CO	35g/43g		
Min. in package		20pcs		
Description		**Type**	**Qty.**	**Order No.**
DIN-Rail mounting sockets	2CO	FS 2CO*	10	**7760056106**
DIN-Rail mounting sockets	4CO	FS 4CO	10	**7760056107**
Accessories				
Mark, for SRC ECO relay sockets		Mark FS		**7760056180**

* Functional module is not suitable for this type of sockets.

Note: FS sockets already have marks.

Dimensions are in mm



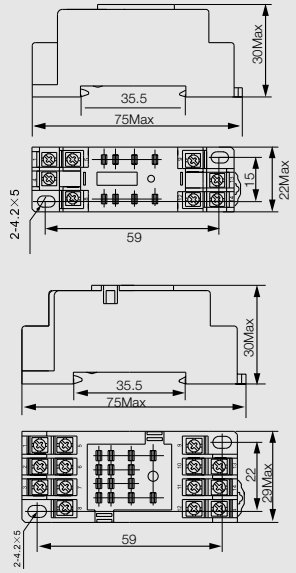
Economic socket (for RCM and DRM relay)

Ordering information

Technical data				
Rated current	2CO/4CO	10A/5A		
Rated voltage		300V		
Dielectric withstand voltage / coil-contacts		2000V		
Dielectric withstand voltage / between contacts		2000V		
Wiring torque / max.		0.5Nm/0.8Nm		
Wire		0.5-2.5mm²		
Environments		-40°C...+70°C		
Weight	2CO/4CO	43g/56g		
Min. in package		20pcs		
Description		**Type**	**Qty.**	**Order No.**
DIN-Rail mounting sockets	2CO	FS 2CO ECO	10	**7760056126**
DIN-Rail mounting sockets	4CO	FS 4CO ECO	10	**7760056127**
DIN-Rail mounting sockets with finger protection	2CO	FS 2CO F ECO	10	**1190740000**
DIN-Rail mounting sockets with finger protection	4CO	FS 4CO F ECO	10	**1190750000**

Note: functional module is not suitable for this type of sockets

Dimensions are in mm



Metal clip (recommended for vibration occasion)

Type	Order No.
DRM clip M (for DRM relay)	**7760056108**
Metal clip set (for DRM relay, only with FS ECO sockets)	**7760056128**

DRM clip M

Metal clip set

Functional modules

Technical data	Type	Order No.
Suppressor diode 6...230Vdc	RIM 1 6/230VDC	**7760056169**
RC-combined protection110...230 Vac	RIM 3 110/230VAC	**7760056014**
RC-combined protection110...230Vac with LED *	RIM 3 110/230VAC LED	**7760056045**
Green LED 6...24 Vdc with suppressor diode	RIM 2 6/24VDC	**7760056015**
Green LED 24...60 Vdc with suppressor diode	RIM 2 24/60VDC	**7760056016**
Green LED 110...230 Vdc with suppressor diode	RIM 2 110/230VDC	**7760056017**
Green LED 6...24 Vdc / Vac	RIM 3 6/24VUC	**7940018457**
Green LED 24...60 Vdc / Vac	RIM 3 24/60VUC	**7760056018**
Green LED 110...230 Vdc / Vac	RIM 3 110/230VUC	**7940018455**

* For SCM/SRC sockets only, not for FS sockets.

Relay Socket

DRL relay socket SLD

Ordering information

Technical data			
Rated voltage	300 V		
Rated current	10 A		
Coil/contact electrical strength	2,000 V		
Electrical strength between contacts	2,500 V		
Operation temperature	-40 … 85°C		
Pollution class	2		
Over voltage class	III		
Wiring torque	1.0 Nm		
Wire cross section	0.5 … 2.5 mm²		
Protection level (IEC 61810)	IP10		
Weight	2CO: 50 g ; 3CO: 60 g ; 4CO: 76 g		
Approvals	CE		
Description	**Type**	**Qty.**	**Order No.**
DIN-rail mounted socket, 2CO	SLD 2CO	10	**1132830000**
DIN-rail mounted socket, 3CO	SLD 3CO	10	**1132840000**
DIN-rail mounted socket, 4CO	SLD 4CO	10	**1132850000**
Metal clips (pair)	SLD Clip M	10	**7760056242**

DRL relay socket SLD

Ordering information

Technical data			
Rated voltage	300 V		
Rated current	10 A		
Coil/contact electrical strength	2,000 V		
Electrical strength between contacts	2,500 V		
Operation temperature	-40 … 85°C		
Pollution class	2		
Over voltage class	III		
Wiring torque	1.0 Nm		
Wire cross section	0.5 … 2.5 mm²		
Protection level (IEC 61810)	IP20		
Approvals	CE		
Description	**Type**		**Order No.**
DIN-rail mounted socket, 2CO	SLD F 2CO	10	**7760056225**
DIN-rail mounted socket, 3CO	SLD F 3CO	10	**7760056226**
DIN-rail mounted socket, 4CO	SLD F 4CO	10	**7760056227**

Ordering information

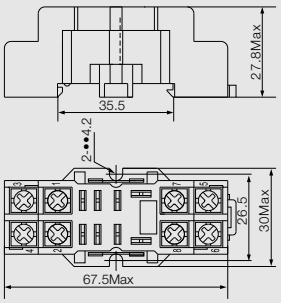
Technical data	Type	Order No.
Metal clips SLD F 2CO	Metal clip	**7760056108**
Metal clips SLD F 3CO	SLD clip 3CO	**7760056234**
Metal clips SLD F 4CO	SLD clip 4CO	**7760056235**

Ordering information

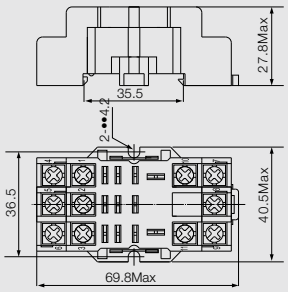
Technical data	Type	Order No.
Suppressing diode 6…230Vdc, for SLD F 2CO/3CO	RIM 1 6/230Vdc	**7760056169**
Blocking modular 110…230 Vac, for SLD F 2CO/3CO	RIM 3 110/230Vac	**7760056014**
Blocking modular 6 … 230 Vac, for SLD F 4CO	RIM 5 6/230Vac	**1174670000**
Suppressing diode 6…230 Vdc, for SLD F 4CO	RIM 5 6/230Vdc	**1174650000**

Dimensions are in mm

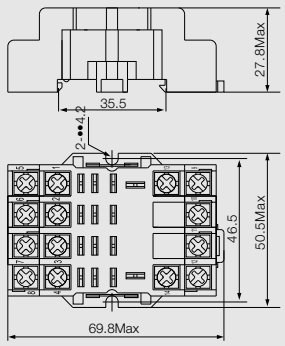
SLD 2CO



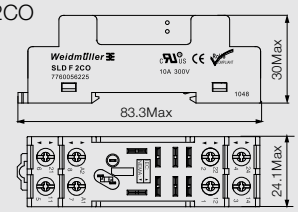
SLD 3CO



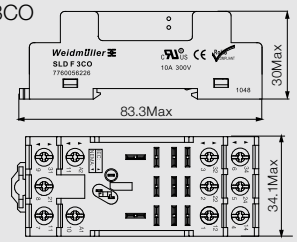
SLD 4CO



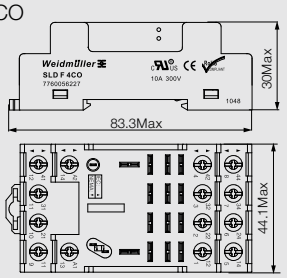
SLD F 2CO



SLD F 3CO



SLD F 4CO



Relay Socket

DRR/RRD relay sockets

Ordering information

Technical data	
Rated voltage	300 V
Rated current	12 A
Coil/contact electrical strength	4,000 V
Electrical strength between contacts	2,500 V
Operating temperature	-40 … 85°C
Pollution class	2
Over voltage class	III
Wiring torque	1.0 Nm
Wire cross section	0.5 … 2.5 mm²
Protection level (IEC 61810)	IP20
Weight	50 g
Approvals	CE

Description	Type	Qty.	Order No.
DIN-rail mounting rockets, 8-pin	SRD ECO 2CO	10	**1132810000**
DIN-rail mounting rockets, 11-pin	SRD ECO 3CO	10	**1132820000**

Metal clip

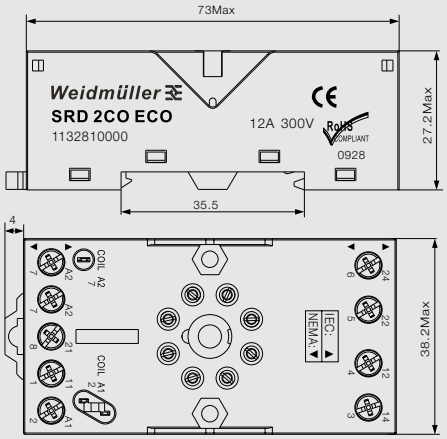
Description		Order No.
Metal clip for DRR relay sockets	DRR SOCKET METAL CLIP	**1134160000**
Metal clip for RRD relay sockets	SRD-I CLIP M	**8869370000**

Functional modules

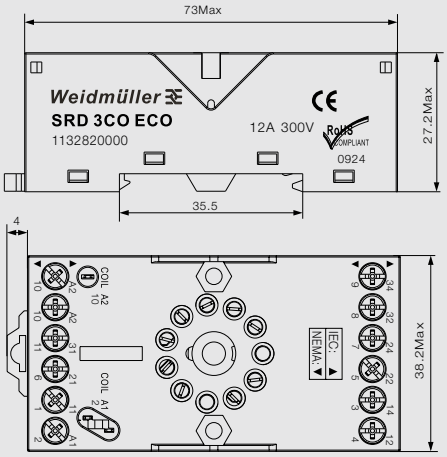
Technical data	Type	Order No.
RC combined protection 6 … 230 Vac	RIM 5 6/230Vac	**1174670000**
Protective diode 6 … 230 Vdc	RIM 5 6/230Vdc	**1174650000**

Dimensions are in mm

SRD ECO 2CO



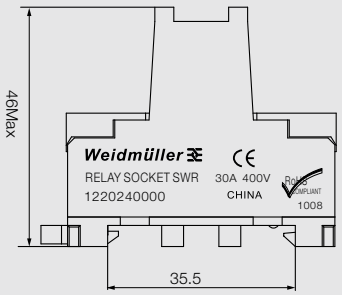
SRD ECO 3CO



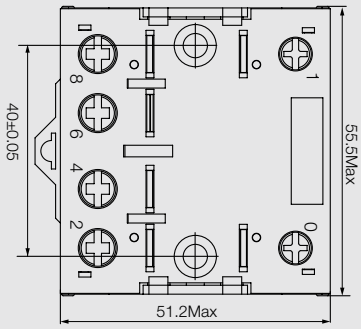
Relay Socket

PWR relay socket

Shape



Mounting



Product performance

Technical data	
Rated current	30 A
Rated voltage	400 V AC
Medium withstand voltage	2500 V/S
Screw torque	1.0Nm
External wire	20-10/0.5-5.5AWG/mm²
Environments	-40~+85°C
Weight	56g

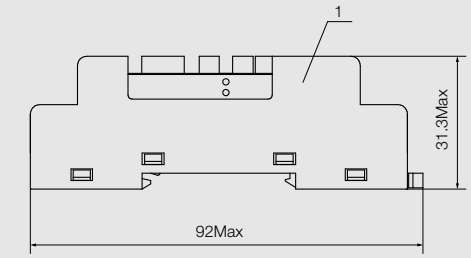
Assembled relays and accessories

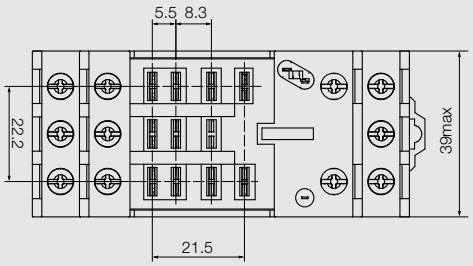
Technical data		
Product type	**Relay type**	**Order No.**
PWR relay socket	SWR	1220240000

DRH and DRW relay socket

Dimensions are in mm

SPW ECO 3CO





Ordering information

Technical data			
Rated voltage	400 V AC		
Rated current	16 A		
Coil/contact electrical strength	4,000 V		
Electrical strength between contacts	4,000 V		
Operation temperature	-40 … 60°C		
Pollution class	2		
Over voltage class	II		
Wiring torque/max.	1.2 Nm		
Wire cross section	0.5 … 4 mm²		
Protection level (IEC 61810)	IP20		
Weight	64g		
Approvals	CE, UL		
Description	**Type**	**Qty.**	**Order No.**
Relay socket, for DRH and DRW relays	SPW ECO 3CO	10	**1220250000**
Metal clip	Metal clip DRH/DRW	10	**1220260000**

Relay Socket

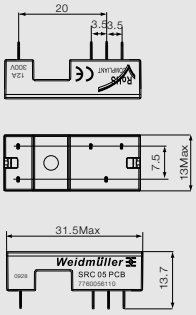
RCL sockets with PCB pins

Ordering information

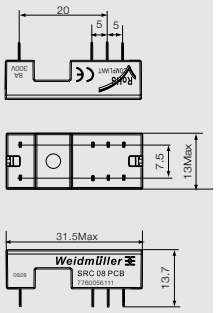
Technical data		
Rated current	1CO	12 A
	2CO	2 x 12 A
Rated voltage		300 V AC
Ambient temperature		– 40 °C ... +80 °C
Approvals		cULus

Description	Type	Qty.	Order No.
Sockets with PCB pins, pitch: 3.5 mm	SRC 05 PCB	20	**7760056110**
Sockets with PCB pins, pitch: 5 mm	SRC 08 PCB	20	**7760056111**

SRC 05 PCB



SRC 08 PCB



Note: SRC 05 PCB and SRC 08 PCB already contain metal clip

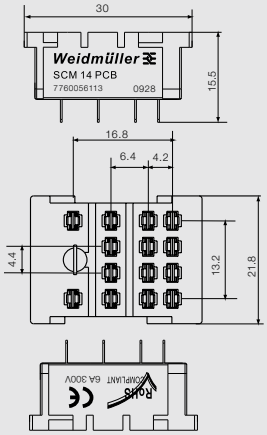
RCM/DRM sockets with PCB pins

Ordering information

Technical data		
Rated current		10 A
Rated voltage		250 V AC
Ambient temperature		– 40 °C ... +80 °C
Approvals		cULus

Description	Type	Qty.	Order No.
Sockets with PCB pins, 2CO	SCM 08 PCB	10	**7760056112**
Sockets with PCB pins, 3CO	SCM 11 PCB	10	**1132790000**
Sockets with PCB pins, 4CO	SCM 14 PCB	10	**7760056113**
Metal clip DRM PCB	metal clip DRM PCB		**1209690000**

SCM 14 PCB



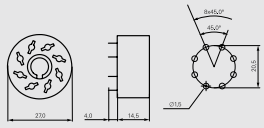
RRD sockets with PCB pins

Ordering information

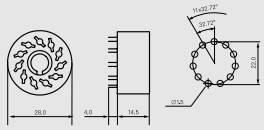
Technical data		
Rated current		10 A
Rated voltage		250 VAC
Ambient temperature		– 40 °C ... +70 °C

Description	Type	Qty.	Order No.
Sockets with PCB pins, 8-pin	SRD 2CO PCB	25	**8697750000**
Sockets with PCB pins, 11-pin	SRD 3CO PCB	25	**8697730000**

SRD 8-pin



SRD 11-pin



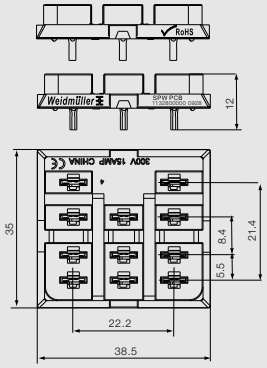
DRH/DRW sockets with PCB pins

Ordering information

Technical data		
Rated current		16 A
Rated voltage		400 VAC
Ambient temperature		– 40 °C ... +70 °C

Description	Type	Qty.	Order No.
Sockets with PCB pins, 11-pin	SPW PCB	10	**1132800000**
Metal clip SPW PCB	SPW METAL CLIP		**1238770000**

SPW PCB



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