

DRR273048L**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

Individual relays within the D-SERIES DRR

- 2 CO contacts
- Optional AC or DC coils
- With integrated status LED

General ordering data

Version	D-SERIES DRR, Relay, Number of contacts: 2, CO contact AgSnO, Rated control voltage: 48 V DC, Continuous current: 10 A, Plug-in connection, Test button available: No
Order No.	2765030000
Type	DRR273048L
GTIN (EAN)	4064675077169
Qty.	10 items

Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E312083

Dimensions and weights

Depth	66 mm	Depth (inches)	2.5984 inch
Height	34.5 mm	Height (inches)	1.3583 inch
Width	34.5 mm	Width (inches)	1.3583 inch
Net weight	30.27 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-25 °C...55 °C
Operating temperature		Humidity	5...85 % rel. humidity, no condensation

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Rated data UL

Certificate No. (cURus)	E312083
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Control side

Rated control voltage	48 V DC	Rated current DC	29.2 mA
Power rating	1.5 W	Coil resistance	1640 Ω ± 10 %
Status indicator	Green LED		

Load side

Rated switching voltage	250 V AC	Continuous current	10 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
Inrush current	50 A / 50 ms	AC switching capacity (resistive), max.	2500 VA
DC switching capacity (resistive), max.	240 W @ 24 V	Switch-on delay	<30 ms
Switch-off delay	<20 ms	Contact type	2 CO contact (AgSnO)
Mechanical service life	10 x 10 ⁶ switching cycles	Min. switching power	10 mA @ 12 V

General data

Test button available	No	
Mechanical switch position indicator	Yes	
Colour	Transparent	
UL94 flammability rating component	Component	Relay status indicator
	UL94 flammability rating	HB
	Component	Relay baseplate
	UL94 flammability rating	V-0
	Component	Relay cover
	UL94 flammability rating	V-2

Technical data

Insulation coordination

Rated voltage	250 V	Pollution severity	3
Surge voltage category	III	Insulating material group	IIIa
Clearance and creepage distances for control side - load side	≥ 4 mm	Dielectric strength for control side - load side	2.5 kVeff / 1 Min.
Dielectric strength of neighbouring contacts	2.5 kVeff / 1 Min.	Dielectric strength of open contact	1.2 kVeff / 1 min.
Impulse withstand voltage	4 kV (1.2/50 µs)	Protection degree	IP20

Further details of approvals / standards

Certificate No. (cURus)	E312083
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Connection data

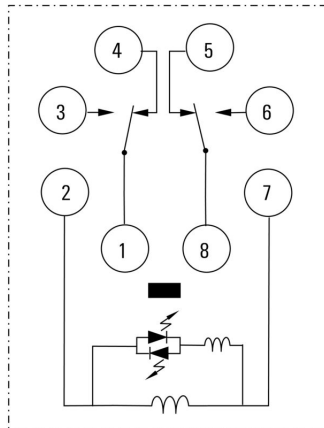
Wire connection method	Plug-in connection
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Classifications

ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

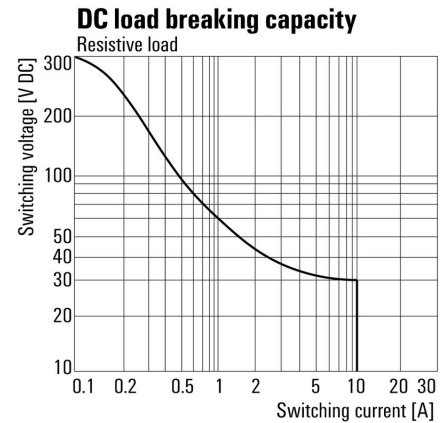
Drawings

Wiring diagram



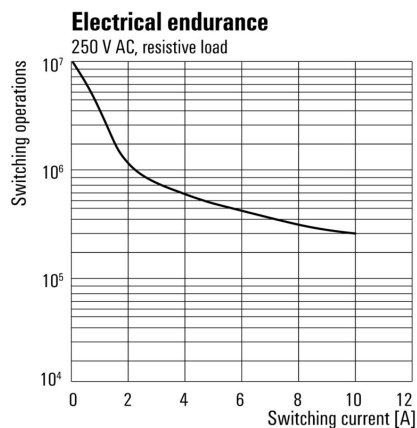
View of Pins from below

Graph



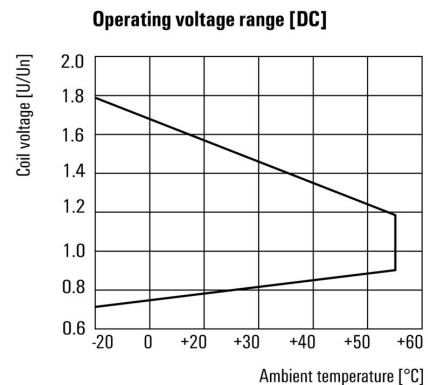
DC load limit curve Resistive load

Graph



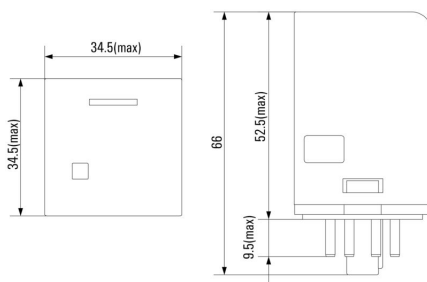
Electrical service life

Graph



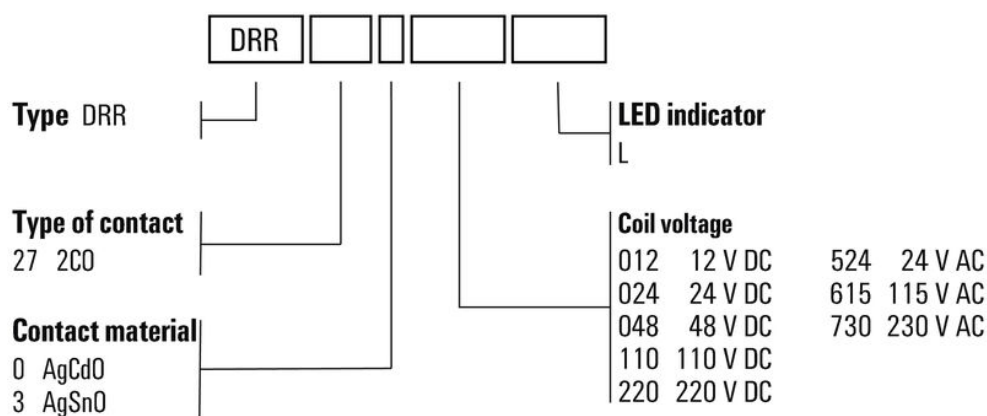
DC operational voltage range

Dimensional drawing



Drawings

Miscellaneous



Type codes