

DRL273615L**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

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Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Product image

Similar to illustration

Individual relays within the D-SERIES DRL

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

General ordering data

Version	D-SERIES DRL, Relay, Number of contacts: 2, CO contact AgSnO, Rated control voltage: 115 V AC, Continuous current: 10 A, Flat blade connections (4.8 mm x 0.5 mm), Test button available: No
Order No.	2765410000
Type	DRL273615L
GTIN (EAN)	4064675076780
Qty.	20 pc(s).

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Technical data**Dimensions and weights**

Depth	36 mm	Depth (inches)	1.417 inch
Height	28 mm	Height (inches)	1.102 inch
Width	21.5 mm	Width (inches)	0.846 inch
Net weight	36 g		

Temperatures

Storage temperature	-25 °C...55 °C	Operating temperature	-25 °C...55 °C
Humidity	35 % to 85 % relative humidity level		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E312083
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Control side

Rated control voltage	115 V AC	Rated current AC	12,9 mA
Power rating	1.2 VA	Pull-in/drop-out voltage, typ.	92 V / 34.5 V AC
Coil resistance	4430 $\Omega \pm 10 \%$	Coil tolerance	10 %
Status indicator	red 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.	300 W @ 24 V	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 cover
	UL94 flammability rating	V-2
	Component	Relay baseplate
	UL94 flammability rating	V-0
	Component	Relay status indicator
	UL94 flammability rating	HB

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Technical datainfo@weidmueller.comwww.weidmueller.com**Insulation coordination**

Rated voltage	250 V	Pollution severity	www.weidmueller.com
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 kV _{eff} / 1 min
Dielectric strength of neighbouring contacts	1.2 kV _{eff} / 1 min.	Dielectric strength of open contact	2 kV _{eff} / 1 min
Impulse withstand voltage	5 kV (1.2/50 µs)	Protection degree	IP20

Further details of approvals / standards

Standards	IEC 61810-1, EN 60664-1:2007, EN 61000-6-2:2005, EN 61000-6-4:2007 + A1:2011, UL 508	Certificate No. (cURus)	E312083
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Connection data

Wire connection method	Flat blade connections (4.8 mm x 0.5 mm)
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Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ECLASS 9.0	27-37-16-01
ECLASS 9.1	27-37-16-01	ECLASS 10.0	27-37-16-01
ECLASS 11.0	27-37-16-01	ECLASS 12.0	27-37-16-01

Approvals

Approvals



ROHS	Conform
UL File Number Search	E312083

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN
Catalogues	Catalogues in PDF-format

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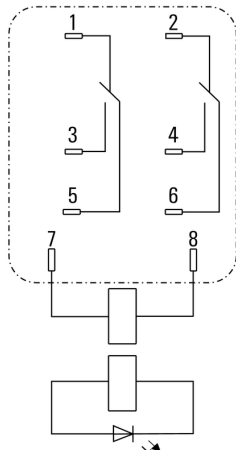
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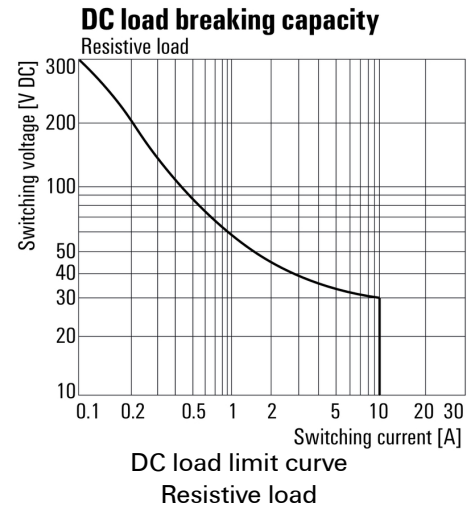
Drawings

Wiring diagram

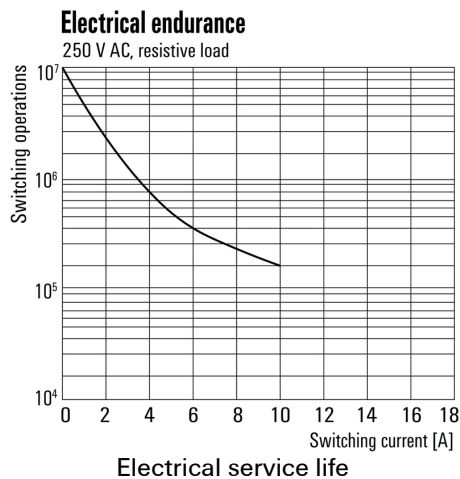


View of Pins from below

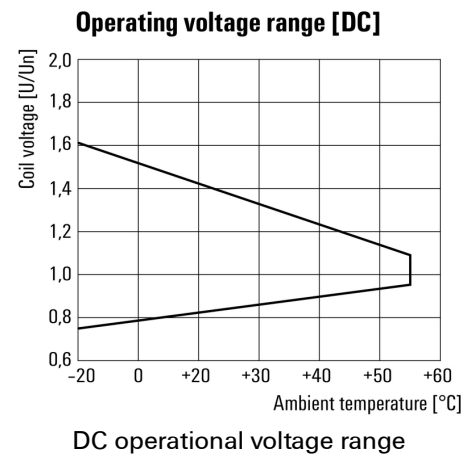
DC load limit curve info@weidmueller.com



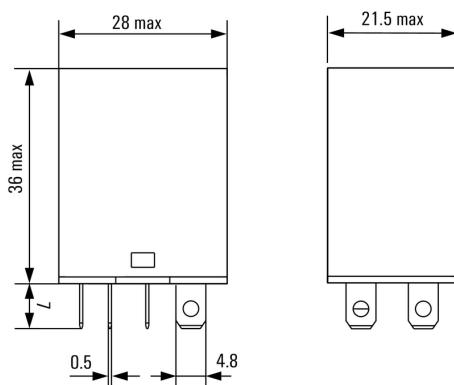
Graph



Graph



Dimensional drawing



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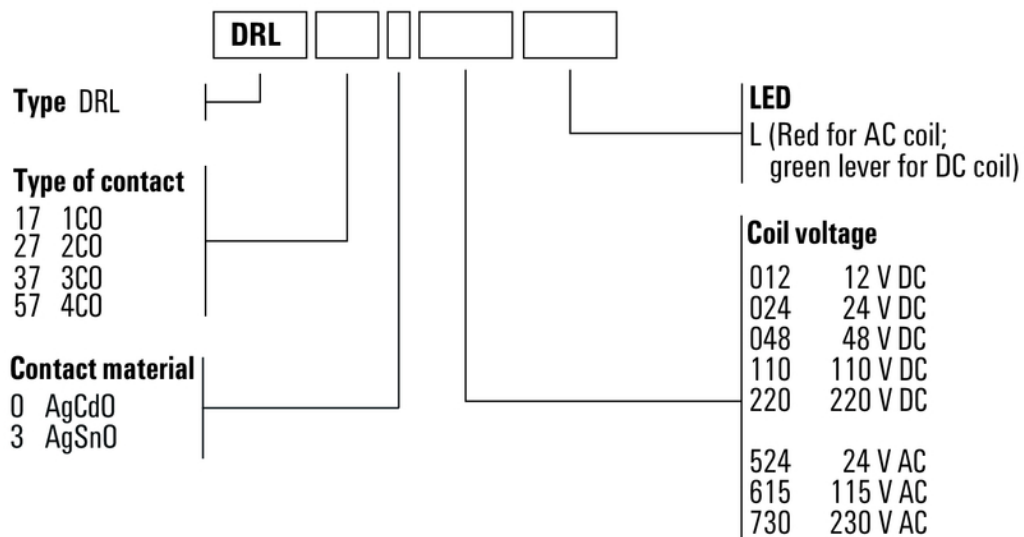
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Drawings

Miscellaneous



Type codes