

## DRL273730L

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## 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: 230 V AC, Continuous current: 10 A, Flat blade connections (4.8 mm x 0.5 mm), Test button available: No
Order No.	<a href="#">2765420000</a>
Type	DRL273730L
GTIN (EAN)	4064675076773
Qty.	20 items

**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E312083

**Dimensions and weights**

Depth	36 mm	Depth (inches)	1.4173 inch
Height	28 mm	Height (inches)	1.1024 inch
Width	21.5 mm	Width (inches)	0.8465 inch
Net weight	34.7 g		

**Temperatures**

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

**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	230 V AC	Rated current AC	6.8 mA
Power rating	1.2 VA	Coil resistance	16500 Ω ± 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	Switch-on delay	<20 ms
Switch-off delay	<20 ms	Contact type	2 CO contact (AgSnO)
Mechanical service life	10 x 10 <sup>6</sup> 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

**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	1.2 kVeff / 1 min.	Dielectric strength of open contact	2 kVeff / 1 min
Impulse withstand voltage	5 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	Flat blade connections (4.8 mm x 0.5 mm)
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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

DC load limit curve



DC load limit curve Resistive load

Graph



Electrical service life

Graph



DC operational voltage range

Dimensional drawing



**Miscellaneous**



Type codes