

**DRW273024LT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

Individual relays within the D-SERIES DRW

- 2 CO contacts
- Optional AC or DC coils
- With test button and Integrated status LED

**General ordering data**

Version	D-SERIES DRW / DRH, Relay, Number of contacts: 2, CO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 16 A, Flat blade connections (4.8 mm x 0.5 mm), Test button available: Yes
Order No.	<a href="#">2765600000</a>
Type	DRW273024LT
GTIN (EAN)	4064675076599
Qty.	10 pc(s).

Creation date May 4, 2024 11:24:37 AM CEST

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Depth	48 mm	Depth (inches)	1.89 inch
Height	36 mm	Height (inches)	1.417 inch
Width	36 mm	Width (inches)	1.417 inch
Net weight	81.5 g		

### Temperatures

Storage temperature	-40 °C...60 °C	Operating temperature	-40 °C...60 °C
Humidity	5...85 % rel. humidity, no condensation		

### Rated data UL

Certificate No. (cURus)	E312083
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### Control side

Rated control voltage	24 V DC	Rated current DC	60 mA
Power rating	1.7 W	Coil resistance	400 $\Omega \pm 10\%$
Coil tolerance	10 %	Status indicator	Green LED

### Load side

Rated switching voltage	400 VAC	Continuous current	16 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	400 V
Max. switching voltage, DC	250 V	Inrush current	80 A / 50 ms
AC switching capacity (resistive), max.	6400 VA	DC switching capacity (resistive), max.	384 W @ 24 V
Switch-on delay	< 20 ms	Switch-off delay	< 20 ms
Contact type	2 CO contact (AgSnO)	Mechanical service life	20 x 10 <sup>6</sup> switching cycles
Min. switching power	100 mA @ 12 V		

### General data

Test button available	Yes	
Version of test button	Lockable test button, Momentary test button	
Mechanical switch position indicator	Yes	
Colour	Transparent	
UL94 flammability rating component	Component	Relay test button
	UL94 flammability rating	HB
	Component	Relay status indicator
	UL94 flammability rating	HB
	Component	Relay baseplate
	UL94 flammability rating	V-0
	Component	Relay cover
	UL94 flammability rating	V-2

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## Technical data

## Insulation coordination

Insulation coordination according to	EN 61810-1:2008	Rated voltage	400 V
Pollution severity	3	Surge voltage category	III
Insulating material group	IIIa	Clearance and creepage distances for control side - load side	≥ 6,3 mm
Dielectric strength for control side - load side	4 kV <sub>eff</sub> / 1 Min.	Dielectric strength of neighbouring contacts	4 kV <sub>eff</sub> / 1 Min.
Dielectric strength of open contact	2.5 kV <sub>eff</sub> / 1 Min.	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 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	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	ECLASS 13.0	27-37-16-01

## Approvals

Approvals



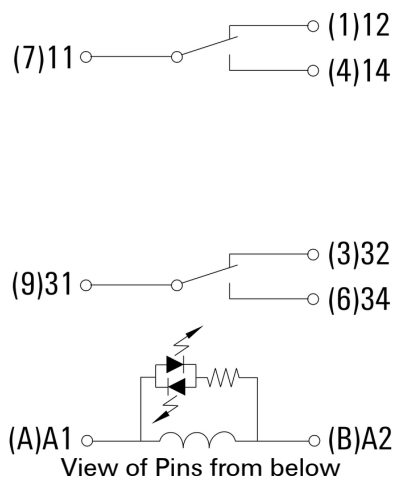
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E312083

## Downloads

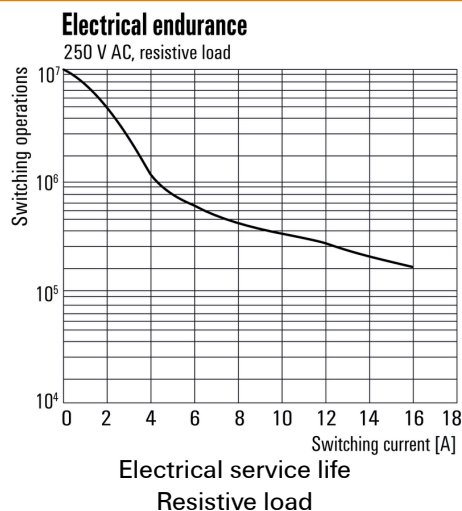
Approval/Certificate/Document of Conformity	<a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">FL D-SERIES DRW2CO LOAD GUIDE</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

## Drawings

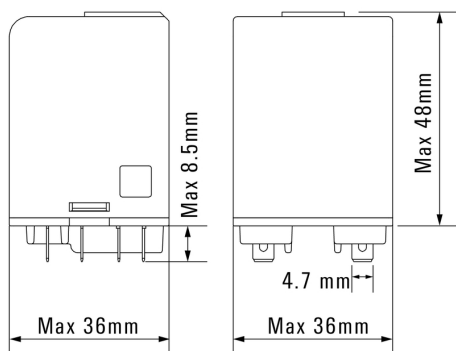
## Wiring diagram



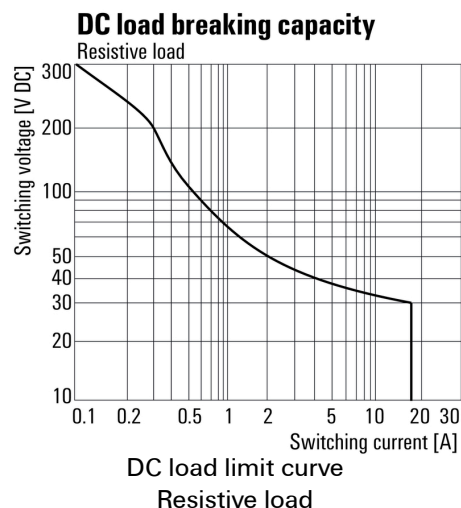
## Graph



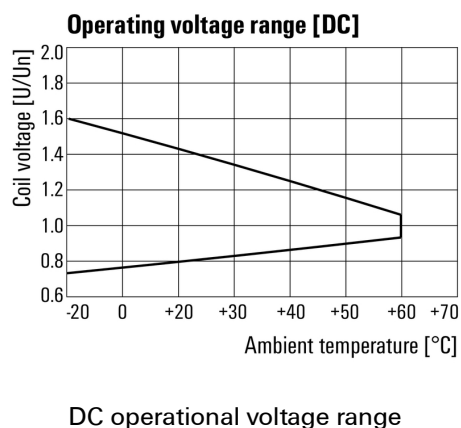
## Dimensional drawing



## Graph



## Graph

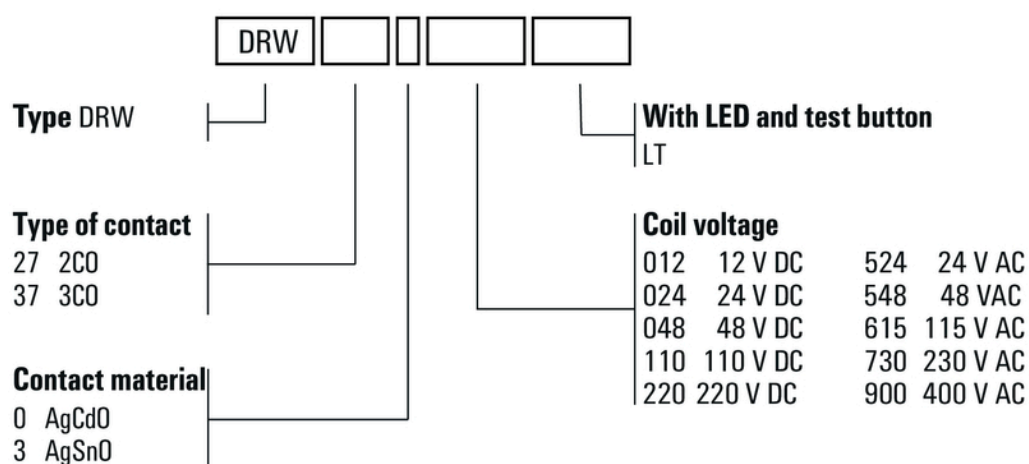


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Type codes