

## DRI314024LD

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

### Product image



dividual relays within the D-SERIES DRI

- 1 CO contact
- DC coils
- With integrated status LED and free-wheeling diode

### General ordering data

Version	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
Order No.	<a href="#">7760056311</a>
Type	DRI314024LD
GTIN (EAN)	6944 169740169
Qty.	20 Stück

Erstellungs-Datum June 1, 2023 11:11:02 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

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## Technische Daten

### Dimensions and weights

Depth	28 mm	Depth (inches)	1.102 inch
Height	31 mm	Height (inches)	1.22 inch
Width	13 mm	Width (inches)	0.512 inch
Net weight	21.9 g		

### Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
Operating temperature, min.	-40 °C	Operating temperature, max.	55 °C
Humidity	35...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	21,8 mA
Power rating	530 mW	Pull-in/drop-out voltage, typ.	18 V / 3.6 V DC
Coil resistance	1100 Ω ± 10 %	Coil tolerance	10 %
Status indicator	Green LED	Protective circuit	Free-wheeling diode

### Load side

Rated switching voltage	250 V AC	Continuous current	10 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, DC	250 V
AC switching capacity (resistive), max.	2500 VA	DC switching capacity (resistive), max.	240 W @ 24 V
Switch-on delay	≤ 15 ms	Switch-off delay	≤ 10 ms
Contact type	1 CO contact (AgSnO)	Mechanical service life	10 x 10 <sup>6</sup> switching cycles
Min. switching power	10 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V		

### General data

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

### Insulation coordination

Rated voltage	300 V	Pollution severity	2
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	5 kV <sub>eff</sub> / 1min
Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min	Impulse withstand voltage	5 kV (1.2/50 μs)
Protection degree	IP20		

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## Technische Daten

### Further details of approvals / standards

Certificate No. (cURus) E312083

### Connection data

Wire connection method Flat blade connections  
 (4.7 mm x 0.5 mm)

### 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

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Approvals

Approvals



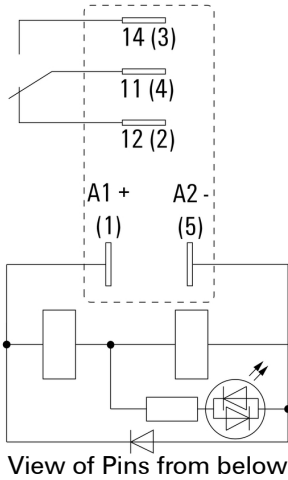
ROHS Conform  
 UL File Number Search UL Website  
 Certificate No. (cURus) E312083

### Downloads

Approval/Certificate/Document of Conformity [EU Konformitätserklärung / EU Declaration of Conformity](#)  
 Engineering Data [CAD data – STEP](#)  
 Engineering Data [WSCAD, EPLAN](#)  
 Catalogues [Catalogues in PDF-format](#)

Zeichnungen

Wiring diagram



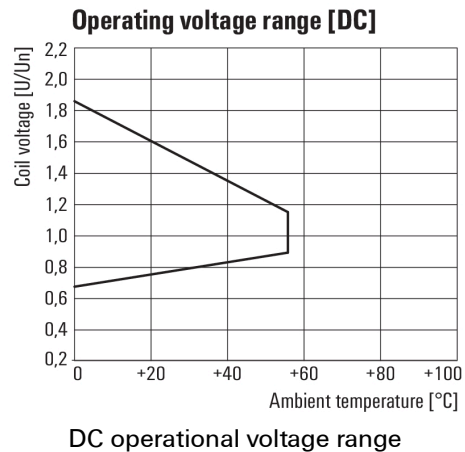
Graph



Graph



Graph



Dimensional drawing



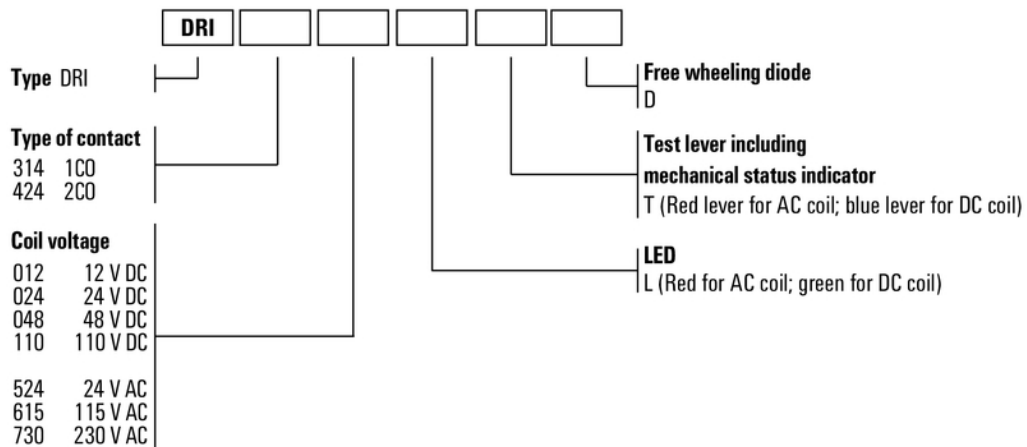
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## Zeichnungen

### Miscellaneous



Type codes