

**DRI424048LTD****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 DRI

- 2 CO contact
- DC coils
- With integrated status LED, free-wheeling diode and test button

**General ordering data**

Version	D-SERIES DRI, Relay, Number of contacts: 2, CO contact AgSnO, Rated control voltage: 48 V DC, Continuous current: 5 A, Flat blade connections (2.5 mm x 0.5 mm), Test button available: Yes
Order No.	<a href="#">7760056341</a>
Type	DRI424048LTD
GTIN (EAN)	6944 169739880
Qty.	20 pc(s).

## DRI424048LTD

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## Technical data

## Dimensions and weights

Depth	33.5 mm	Depth (inches)	1.319 inch
Height	31 mm	Height (inches)	1.22 inch
Width	13 mm	Width (inches)	0.512 inch
Net weight	21.8 g		

## Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
Humidity	35...85 % rel. humidity, no condensation		

## 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	48 V DC	Rated current DC	11,2 mA
Power rating	530 mW	Pull-in/drop-out voltage, typ.	36 V / 7.2 V DC
Coil resistance	4300 Ω ± 10 %	Coil tolerance	10 %
Status indicator	Green LED	Protective circuit	Free-wheeling diode

## Load side

Rated switching voltage	250 V AC	Continuous current	5 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, DC	250 V
AC switching capacity (resistive), max.	1250 VA	DC switching capacity (resistive), max.	150 W @ 24 V
Switch-on delay	≤ 15 ms	Switch-off delay	≤ 10 ms
Contact type	2 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	Yes	
Version of test button	Lockable test button, Momentary test button	
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
UL94 flammability rating component	Component	Relay test button
	UL94 flammability rating	HB

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## 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> / 1 min
Dielectric strength of neighbouring contacts	1.5 kV <sub>eff</sub> / 1 min.	Dielectric strength of open contact	1 kV <sub>eff</sub> / 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 (2,5 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	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>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Product Change Notification	<a href="#">20210401 Product change Notification D-SERIES DRI relays - status indicator</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

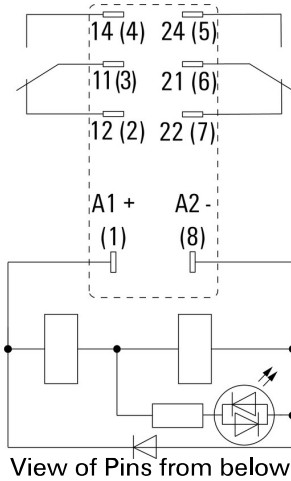
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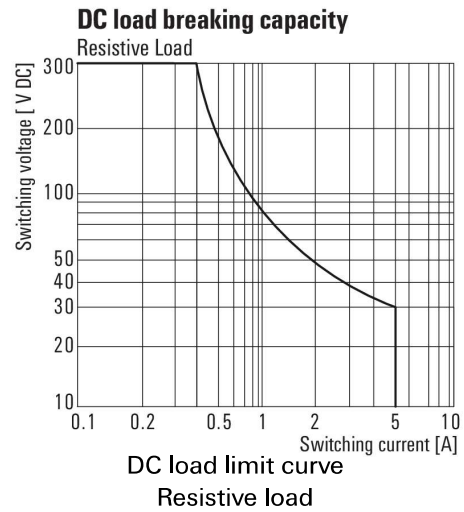
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**Drawings**

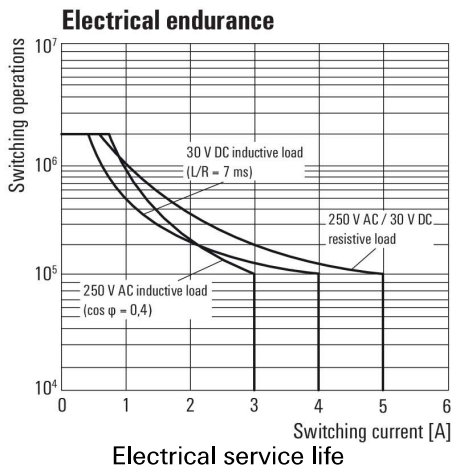
**Wiring diagram**



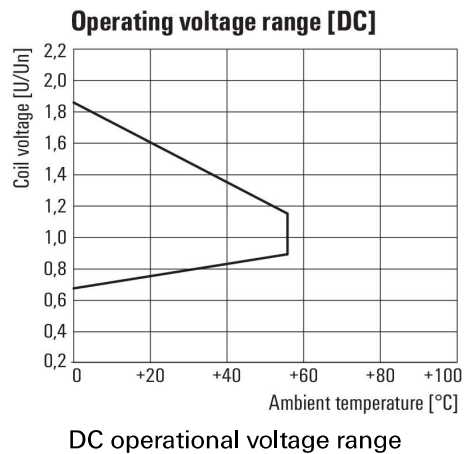
**Graph**



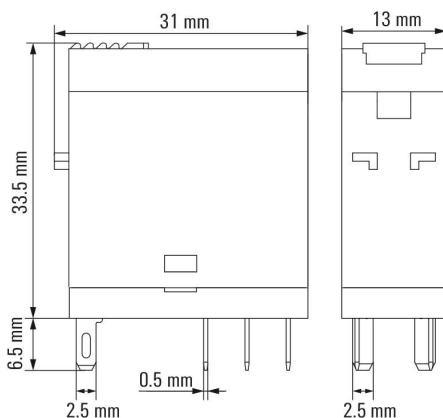
**Graph**



**Graph**



**Dimensional drawing**



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**Drawings**

**Miscellaneous**

