

DRI424024LD-A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

Version	, Number of contacts: 2, CO contact Ag alloy, Rated control voltage: 24 V DC, Continuous current: 8 A, Flat blade connections (2.5 mm x 0.5 mm), Test button available: No
Order No.	7760056375
Type	DRI424024LD-A
GTIN (EAN)	6944 1698 18684
Qty.	20 items
Local product	Only available in certain countries

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	28 mm	Depth (inches)	1.1024 inch
Height	31 mm	Height (inches)	1.2205 inch
Width	13 mm	Width (inches)	0.5118 inch
Net weight	19 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Control side

Rated control voltage	24 V DC	Rated current DC	21,8 mA
Power rating	530 mW	Coil resistance	1100 Ω ± 10 %
Status indicator	Green LED	Protective circuit	Free-wheeling diode

Load side

Rated switching voltage	250 V AC	Continuous current	8 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
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 (Ag alloy)
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	No
Colour	Transparent	UL 94 flammability rating	V-2

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 kVeff / 1 min
Dielectric strength of neighbouring contacts	1.5 kVeff / 1 min.	Dielectric strength of open contact	1 kVeff / 1 min
Impulse withstand voltage	5 kV (1.2/50 μs)	Protection degree	IP20

Technical data**Connection data**

Wire connection method	Flat blade connections (2.5 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



