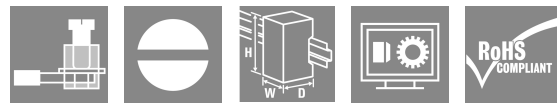
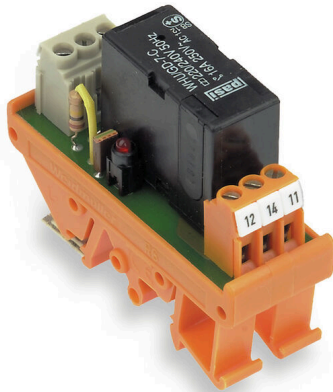


RS 31 24VDC LD LP 1U

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product image



Similar to illustration

General ordering data

Version	RS-SERIES, Relay module, Number of contacts: 1, CO contact AgCdO, Rated control voltage: 24 V DC $\pm 10\%$, Continuous current: 16 A, Screw connection, Test button available: No
Order No.	1128331001
Type	RS 31 24VDC LD LP 1U
GTIN (EAN)	4032248046812
Qty.	10 items
Delivery status	Discontinued
Available until	2017-06-30T00:00:00+02:00
Alternative product	TRS 24VDC 1NO HC

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	53.5 mm	Depth (inches)	2.1063 inch
Height	70 mm	Height (inches)	2.7559 inch
Width	25 mm	Width (inches)	0.9842 inch
Net weight	64.5 g		

Temperatures

Storage temperature	-40 °C...60 °C	Operating temperature	-25 °C...40
Humidity	40 °C / 93 % rel. humidity, no condensation		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	3820ceea-2b49-4a61-bda5-08f3867b3419

Control side

Rated control voltage	24 V DC \pm 10 %	Power rating	1 W
Status indicator	LED yellow	Protective circuit	Free-wheeling diode, Reverse polarity protection

Load side

Rated switching voltage	250 V AC	Max. switching frequency at rated load	0.1 Hz
Max. switching voltage, AC	250 V	Inrush current	60 A / 200 ms
AC switching capacity (resistive), max.	3500 VA	DC switching capacity (resistive), max.	480 W
Switch-on delay	< 9 ms	Switch-off delay	< 10 ms
Contact type	1 CO contact (AgCdO)	Electrical service life, DC coil	230V, 50Hz, 3.5kVA: 2.5*10 ⁵ switching cycles
Mechanical service life	30 x 10 ⁶ switching cycles	Min. switching power	1 W

General data

Version	soldered relay	Mounting rail	TS 32, TS 35
Test button available	No	Mechanical switch position indicator	No
Colour	orange		

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Creepage and clearance distance input \rightarrow 3 mm output	
Impulse withstand voltage	6 kV	Protection degree	IP20

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Technical data**Connection data**

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Clamping range, rated connection	2.5 mm ²	Clamping range, min.	0.5 mm ²
Clamping range, max.	4 mm ²		

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		

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Drawings

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Wiring diagram

