

RS 30 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 AgNi 0.15 gold flashed, Rated control voltage: 24 V DC $\pm 10\%$, Continuous current: 6 A, Screw connection
Order No.	1181521001
Type	RS 30 24VDC LD LP 1U
GTIN (EAN)	4032248046119
Qty.	10 pc(s).

Creation date March 23, 2021 7:47:27 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	56 mm	Depth (inches)	2.205 inch
Height	70 mm	Height (inches)	2.756 inch
Net weight	34.24 g	Width	16 mm
Width (inches)	0.63 inch		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Control side

Power rating	0.45 W	Protective circuit	Free-wheeling diode, Reverse polarity protection
Pull-in/drop-out current, typ.	12 mA / 3 mA DC	Pull-in/drop-out voltage, typ.	21.5 V DC
Rated control voltage	24 V DC $\pm$ 10 %	Rated current DC	10 mA
Status indicator	red LED		

Load side

AC switching capacity (resistive), max.	2000 VA	Duration of Bounce	$\leq$ 3 ms
Inrush current	8 A	Max. switching frequency at rated load	0.1 Hz
Max. switching voltage, AC	250 V	Min. switching power	250 mW
Switch-off delay	$\leq$ 7 ms	Switch-on delay	$\leq$ 8 ms

Contact data

Contact type	1 CO contact (AgNi 0.15 gold flashed)	Electrical service life of AC coil	$> 7 \times 10^5$ Switching cycles
Electrical service life, DC coil	$> 5 \times 10^5$ switching cycles	Mechanical service life	20×10^6 switching cycles

General data

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

Insulation coordination

Creepage and clearance distance input – output	> 3 mm	Impulse withstand voltage	4 kV
Pollution severity	2	Protection degree	IP20
Rated voltage	250 V	Surge voltage category	III

Further details of approvals / standards

Standards	DIN EN 50178
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www.weidmueller.com**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 6.0	EC001437	ETIM 7.0	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

Approvals

Approvals



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Approval/Certificate/Document of Conformity	DE_PA_5600_160311_001.pdf
Engineering Data	EPLAN, WSCAD