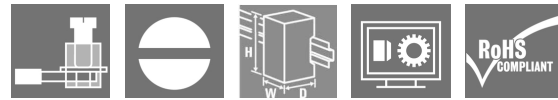
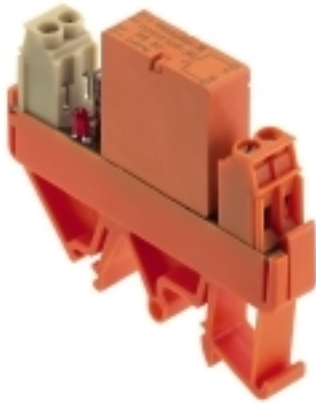


RS 30 24VDC LD LP 1R

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, NC contact AgNi 0.15 gold flashed, Rated control voltage: 24 V DC \pm 10 %, Continuous current: 6 A, Screw connection, Test button available: No
Order No.	1100911001
Type	RS 30 24VDC LD LP 1R
GTIN (EAN)	4008 19005288 1
Qty.	10 pc(s).

Creation date May 29, 2021 10:01:42 AM CEST

Catalogue status 21.05.2021 / 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
Width	11.2 mm	Width (inches)	0.441 inch
Net weight	27.07 g		

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

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

Load side

Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
Min. switching power	250 mW	Inrush current	8 A
AC switching capacity (resistive), max.	2000 VA	Switch-on delay	\leq 8 ms
Switch-off delay	\leq 7 ms	Duration of Bounce	\leq 3 ms
Contact design	NC contact	Contact material	AgNi 0.15 gold flashed
Contact material product selector	gold-plated contacts	Contact type	1 NC 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	Number of contacts	1

General data

Version	soldered relay	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 - output	> 3 mm
Impulse withstand voltage	4 kV	Protection degree	IP20

Further details of approvals / standards

Standards	DIN EN 50178	Certificate No. (CSA)	082859-C-000
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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 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
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