

RS 30 24VDC LD LP 1R**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

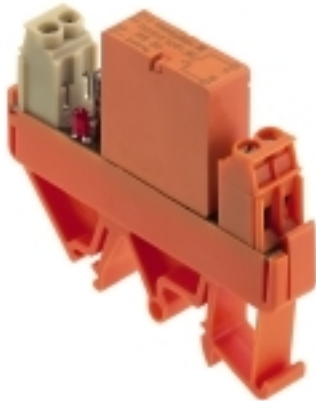
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Product image

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.	1100921001
Type	RS 30 24VDC LD LP 1R
GTIN (EAN)	4008190066130
Qty.	10 pc(s).

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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	27.17 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	red LED
Protective circuit	Free-wheeling diode, Reverse polarity protection		

Load side

Rated switching voltage	250 V AC	Continuous current	6 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
Inrush current	8 A	AC switching capacity (resistive), max.	2000 VA
Switch-on delay	\leq 8 ms	Switch-off delay	\leq 7 ms
Contact type	1 NC contact (AgNi 0.15 gold flashed)	Electrical service life, DC coil	$> 5 \times 10^5$ switching cycles
Mechanical service life	20×10^6 switching cycles	Min. switching power	250 mW

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

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		