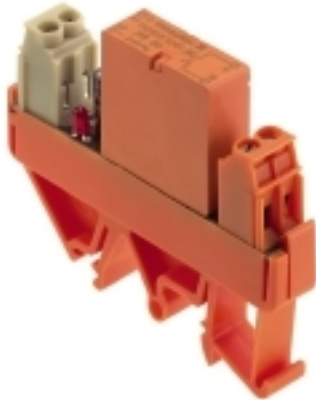


RS-SERIES

RS 30 24VDC LD LP 1A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com



Clip-on RS 30. 31. 32 relay bases are available in widths from 11.2 to 25 mm, depending on the type.
 The RSM relay multiplexers are available as 4, 8 and 16-way modules. To reduce the wiring work, the DC variants are fitted with a common plus or minus potential.
 The optional IEC603-1 plug-in connector enables the connection of pre-assembled lines.
 The screw connection system is used to connect the conductor with a rated cross-section of 2.5 mm².

General ordering data

Type	RS 30 24VDC LD LP 1A
Order No.	1101611001
Version	RS-SERIES, Relay module, No. of contacts: 1 NO contact AgNi 0.15 gold flashed, Rated control voltage: 24 V DC ±10 %, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248023523
Qty.	10 pc(s).

RS-SERIES
RS 30 24VDC LD LP 1A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Technical data**Dimensions and weights**

Width	11.2 mm	Width (inches)	0.441 inch
Height	70 mm	Height (inches)	2.756 inch
Depth	56 mm	Depth (inches)	2.205 inch
Net weight	27.47 g		

Temperatures

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

Input

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-wheel diode, Reverse polarity protection		

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Continuous current	6 A	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
Min. switching power	250 mW	Max. switching frequency at rated load	0.1 Hz

Contact data

Contact type	1 NO contact (AgNi 0.15 gold flashed)	Mechanical service life	20 x 10 ⁶ switching cycles
Electrical service life of AC coil	> 7x10 ⁵ Switching cycles	Electrical service life, DC coil	> 5x10 ⁵ switching cycles

General data

Version	soldered relay
---------	----------------

Insulation coordination

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

Further details of approvals / standards

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

Connection data

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