

**RS-SERIES**  
**RS 30 115VAC LD LP 1A**

**Weidmüller Interface GmbH & Co. KG**  
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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 mm<sup>2</sup>.

**General ordering data**

Order No.	<a href="#">1102121001</a>
Part designation	RS 30 115VAC LD LP 1A
Version	RS-SERIES, Relays, No. of contacts: 1, NO contact, Rated control voltage: 115 V AC, Screw connection
GTIN (EAN)	4032248045983
Qty.	10 pc(s).

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**Technical data**

**Dimensions**

Length	70 mm	Width	11.2 mm
Height	56 mm		

**Temperature**

Ambient temperature (operational)	-25 °C...+40 °C	Storage temperature	-40 °C...+60 °C
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**Input**

Rated voltage	250 V	Rated control voltage	115 V AC
Response / drop-out voltage AC coil	98 V	Rated current DC	8 A
Pull-in / drop-out current, AC coil	4.3 mA / 2 mA	Power rating	0.8 VA

**Output**

Continuous current	5 A	Duration of Bounce	≤ 3 ms
Max. switching current	8 A	Max. switching frequency at rated load	30 Hz
Min. switching current	10 mA	Switch-off delay	≤ 8 ms
Switch-on delay	< 9 ms	Switching voltage AC, max.	250 V
making current	8 A	min. switching capacity	250 mW

**Contact data**

Contact design	NO contact	No. of contacts	1
Contact material	AgNi 0.15 gold flashed	Mechanical service life	20 x 10 <sup>6</sup> switching cycles
Electrical service life, DC coil	> 5x10 <sup>5</sup> switching cycles	Electrical service life of AC coil	> 7x10 <sup>5</sup> switching cycles

**Rated data**

Conductor connection system	Screw connection	DIN Rail compatibility	TS 32 TS 35
Humidity	40°C / 93% rel. humidity, no condensation		

**Insulation coordination (EN 50 178)**

Clearance and creepage distances for control/load side	> 3 mm	Impulse withstand voltage	4 kV
Overvoltage category	III	Pollution severity	2
Protection class	IP 20	Rated voltage	250 V

**Other technical data**

Free-wheel diode	No	Reverse polarity protection	not available
Version	Relay coupler		

**Approvals**

Approvals institutes	GOSTME25; CE
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**Classifications**

ETIM 2.0	EC001437	ETIM 3.0	EC001437
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01