

## RS-SERIES

### RS 32 24-48VUC LD LP 2U

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
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 Germany  
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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="#">1122661001</a>
Type	RS 32 24-48VUC LD LP 2U
Version	RS-SERIES, Relays, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 24 V UC ±10 %, 48 V UC ±10 %, Continuous current: 4 A, Screw connection
GTIN (EAN)	4032248046225
Qty.	10 pc(s).

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**Technical data****Ratings**

Conductor connection system	Screw connection	Humidity	40 °C / 93 % rel. humidity, no condensation
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**Dimensions and weights**

Width	25 mm	Height	70 mm
Depth	63.5 mm	Net weight	45.68 g

**Temperatures**

Operating temperature	-25 °C...+40 °C	Storage temperature	-40 °C...+60 °C
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**Connection data**

Clamping range, rated connection	2.5 mm <sup>2</sup>	Clamping range, rated connection, min.	0.5 mm <sup>2</sup>
Clamping range, rated connection, max.	4 mm <sup>2</sup>	Stripping length, rated connection	8 mm

**Input**

Rated control voltage	24 V UC ±10 %, 48 V UC ±10 %	Rated current AC	28 mA / 22 mA
Rated current DC	18 mA / 20 mA	Power rating	0.6 W / 0.9 VA
Pull-in (sparkover) / drop-out voltage DC coil	21.5 V / 43 V	Pull-in / drop-out current, AC coil	3 mA / 4.5 mA
Pull-in / drop-out current, DC coil	5 mA / 2 mA	Status indicator	red LED

**Output**

Max. switching voltage, AC making current	250 V 6 A	Continuous current	4 A
Switch-on delay	< 13 ms	Max. switching power	2000 VA
Duration of Bounce	≤ 4 ms	Switch-off delay	= 10 ms
Max. switching frequency at rated load	0.1 Hz	Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA

**Contact specifications**

No. of contacts	2	Contact design	CO contact
Contact material	AgNi 90/10	Mechanical service life	30 x 10 <sup>6</sup> switching cycles

**Insulation coordination**

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

**Other technical data**

Version	Relay coupler	Status indicator	red LED
Free-wheel diode	No	Bridge rectifier	Yes
Reverse polarity protection	Available		

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**Technical data**

**Further details of approvals / standards**

Standards DIN EN 50178

**Classifications**

ETIM 2.0	EC001437	ETIM 3.0	EC001437
UNSPSC	30-21-19-17	eClass 4.1	40-02-06-14
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01
eClass 7.0	27-37-16-01		

**Approvals**

Approvals



**Downloads**

Declaration of Conformity [K033\\_10\\_10.pdf](#)

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**Drawings****Electric symbol**