

RS-SERIES

RS 32 115-230VUC LD 2U

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

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 mm².

General ordering data

Order No.	1122761001
Type	RS 32 115-230VUC LD 2U
Version	RS-SERIES, Relays, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 115 V UC +5 % / -15 %, 230 V UC +5 % / -15 %, Continuous current: 4 A, Screw connection
GTIN (EAN)	4032248046232
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	46.88 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 ²	Clamping range, rated connection, min.	0.5 mm ²
Clamping range, rated connection, max.	4 mm ²	Stripping length, rated connection	8 mm

Input

Rated control voltage	115 V UC +5 % / -15 %, 230 V UC +5 % / -15 %	Rated current AC	5.6 mA / 5.3 mA
Rated current DC	5.4 mA / 5 mA	Power rating	1 W / 1 VA
Pull-in (sparkover) / drop-out voltage DC coil	98 V / 195 V	Pull-in / drop-out current, AC coil	1.5 mA / 2 mA
Pull-in / drop-out current, DC coil	1 mA / 1.2 mA	Status indicator	red LED

Output

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

Contact specifications

No. of contacts	2	Contact design	CO contact
Contact material	AgNi 90/10	Mechanical service life	30 x 10 ⁶ 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**