

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

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 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 32 24-48VUC LD LP 2U
Order No.	1122661001
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).

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

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technische Daten

Dimensions and weights

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

Temperatures

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

Input

Coil resistance		Protective circuit	Rectifier
Pull-inrop-out current, typ.	3 mA / 4.5 mA AC 5 mA / 2 mA DC	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-inrop-out typ.	21.5 V / 43 V DC
Status indicator	red LED		

Output

Max. switching voltage, AC	250 V	Continuous current	4 A
Inrush 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 data

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

General data

Wire connection method	Screw connection	Humidity	40 °C / 93 % rel. humidity, no condensation
------------------------	------------------	----------	--

Insulation coordination

Creepage and clearance distance input – output	> 3 mm	Rated voltage	250 V
Impulse withstand voltage	4 kV	Protection degree	IP 20
Pollution severity	2	Surge voltage category	III

Other technical data

Version	Relay coupler	Protective circuit	Rectifier
Status indicator	red LED		

Further details of approvals / standards

Standards	DIN EN 50178
-----------	--------------

**RS-SERIES
RS 32 24-48VUC LD LP 2U****Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Technische Daten****Connection data**

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

Classifications

ETIM 3.0	EC001437	UNSPSC	30-21-19-17
eClass 5.1	27-37-16-01	eClass 6.2	27-37-16-01
eClass 7.1	27-37-16-01		

Approvals

Approvals



ROHS Conform

DownloadsDeclaration of Conformity [K033_10_10.pdf](#)

**RS-SERIES
RS 32 24-48VUC LD LP 2U**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Zeichnungen

Electric symbol

