

RS-SERIES

RS 32 24VDC LD LP 2U

Weidmüller Interface GmbH & Co. KG
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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 mm².

General ordering data

Type	RS 32 24VDC LD LP 2U
Order No.	9406121001
Version	RS-SERIES, Relay module, No. of contacts: 2 CO contact AgNi 90/10, Rated control voltage: 24 V DC ±10 %, Continuous current: 4 A, Screw connection
GTIN (EAN)	4008190027193
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Width	25 mm	Width (inches)	0.984 inch
Height	70 mm	Height (inches)	2.756 inch
Depth	63.5 mm	Depth (inches)	2.5 inch
Net weight	44.88 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	25 mA
Power rating	0.6 W	Pull-in/drop-out voltage, typ.	21.5 V DC
Pull-in/drop-out current, typ.	5 mA DC	Status indicator	red LED
Protective circuit	Free-wheel diode, Reverse polarity protection		

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Continuous current	4 A	Inrush current	6 A
AC switching capacity (resistive), max.	2000 VA	Switch-on delay	< 13 ms
Switch-off delay	= 10 ms	Duration of Bounce	\leq 4 ms
Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA / 5 V DC	Max. switching frequency at rated load	0.1 Hz

Contact data

Contact type	2 CO contact (AgNi 90/10)	Mechanical service life	30 x 10 ⁶ switching cycles
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General data

Version	soldered relay	Mounting rail	TS 32, TS 35
Test button	No	Mechanical switch position indicator	No

Insulation coordination

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

Further details of approvals / standards

Standards	DIN EN 50178
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Connection data

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

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Catalogue status 23.02.2018 / We reserve the right to make technical changes.

Data sheet

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Classifications

ETIM 3.0	EC001437	ETIM 4.0	EC001437
ETIM 5.0	EC001437	ETIM 6.0	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
eClass 8.1	27-37-16-01	eClass 9.0	27-37-16-01
eClass 9.1	27-37-16-01		

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PA_5600_160311_001.pdf
Engineering Data	EPLAN, WSCAD

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Drawings

Wiring diagram

