

RS-SERIES RS32 24 VDC SAFETY

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Product image



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	RS32 24 VDC SAFETY
Order No.	8872 160000
Version	RS-SERIES, Relay module, Number of contacts: 2, CO contact AgNi 90/10, Rated control voltage: 24 V DC $\pm 10\%$, Continuous current: 4 A, Screw connection
GTIN (EAN)	4032248605309
Qty.	10 pc(s).

Creation date August 9, 2020 11:37:50 AM CEST

Catalogue status 24.07.2020 / We reserve the right to make technical changes.

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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	54.7 g		

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature, max.	40 °C
Operating temperature, min.	-25 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C	Operating temperature	-25 °C...40 °C
Storage temperature	-40 °C...85 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Rated control voltage	24 V DC \pm 10 %	Rated current DC	21 mA
Power rating	0.5 W	Pull-in/drop-out current, typ.	12.5 mA / 7 mA DC
Status indicator	red LED		

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Continuous current	4 A	AC switching capacity (resistive), max.	1000 VA
Switch-off delay	\leq 10 ms	Min. switching power	10 mA @ 5 V
Max. switching frequency at rated load	0.1 Hz		

Contact data

Contact type	2 CO contact (AgNi 90/10)	Mechanical service life	20 x 10 ⁶ switching cycles
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General data

Version	soldered relay	Rail	TS 32, TS 35
Test button	No	Mechanical switch position indicator	No
Colour	orange		

Insulation coordination

Rated voltage	300 V	Surge voltage category	III
Pollution severity	2	Protection degree	IP20
Creepage and clearance distance input – output	\geq 4 mm	Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.
Impulse withstand voltage	4 kV (1.2/50 μ s)		

Further details of approvals / standards

Standards	DIN EN 50178, DIN EN 50205
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Data sheet

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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		

Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
eClass 9.0	27-37-16-01	eClass 9.1	27-37-16-01
eClass 10.0	27-37-16-01	UNSPSC	30-21-18-01

Approvals

Approvals



ROHS Conform

Downloads

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

Data sheet

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Drawings

Wiring diagram

