

RS32 24 VDC SAFETY**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****General ordering data**

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
Order No.	8872160000
Type	RS32 24 VDC SAFETY
GTIN (EAN)	4032248605309
Qty.	10 pc(s).

Creation date March 29, 2021 11:31:42 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	63.5 mm	Depth (inches)	2.5 inch
Height	70 mm	Height (inches)	2.756 inch
Net weight	54.7 g	Width	25 mm
Width (inches)	0.984 inch		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Control side

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

Load side

AC switching capacity (resistive), max.	1000 VA	Max. switching frequency at rated load	0.1 Hz
Max. switching voltage, AC	250 V	Min. switching power	10 mA @ 5 V

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

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)	Pollution severity	2
Protection degree	IP20	Rated voltage	300 V
Surge voltage category	III		

Further details of approvals / standards

Standards	DIN EN 50178, DIN EN 50205
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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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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	ECLASS 11.0	27-37-16-01

Approvals

Approvals



ROHS

Conform

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Engineering Data

[EPLAN_WSCAD](#)

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Drawings

Wiring diagram

