

RS 32 24-48VUC LD LP 2U**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 UC $\pm 10\%$, 48 V UC $\pm 10\%$, Continuous current: 4 A, Screw connection
Order No.	1122661001
Type	RS 32 24-48VUC LD LP 2U
GTIN (EAN)	4032248046225
Qty.	10 pc(s).

Creation date March 23, 2021 12:53:40 AM CET

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	45.68 g	Width	25 mm
Width (inches)	0.984 inch		

Temperatures

Storage temperature	-40 °C...60 °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	0.6 W / 0.9 VA	Protective circuit	Rectifier
Pull-in/drop-out current, typ.	4.5 mA AC 5 mA / 2 mA DC	Rated control voltage	24 V UC $\pm$ 10 % / 48 V UC $\pm$ 10 %
Rated current AC	28 mA / 22 mA	Rated current DC	18 mA / 20 mA
Status indicator	Green LED		

Load side

AC switching capacity (resistive), max.	1000 VA	Duration of Bounce	$\leq$ 4 ms
Inrush current	6 A	Max. switching frequency at rated load	0.1 Hz
Max. switching voltage, AC	250 V	Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA / 5 V DC
Switch-off delay	$\leq$ 10 ms	Switch-on delay	$\leq$ 13 ms

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

Insulation coordination

Creepage and clearance distance input – output	$>$ 3 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
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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	ECLASS 11.0	27-37-16-01

Approvals

Approvals



ROHS

Conform

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

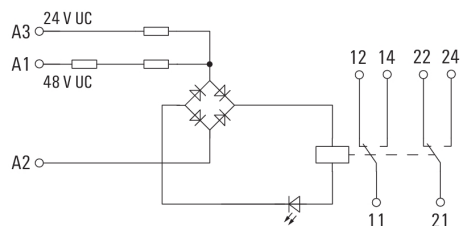
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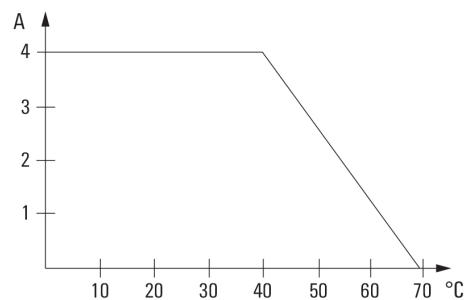
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Drawings

Wiring diagram



Graph



DC load limit curve