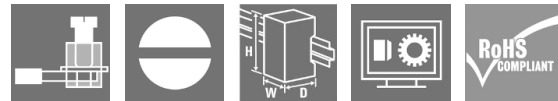


RS 31 24VDC LD LP 1U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

General ordering data

Version	RS-SERIES, Relay module, Number of contacts: 1, CO contact AgCdO, Rated control voltage: 24 V DC $\pm 10\%$, Continuous current: 16 A, Screw connection, Test button available: No
Order No.	1128361001
Type	RS 31 24VDC LD LP 1U
GTIN (EAN)	4032248056705
Qty.	10 pc(s).
Delivery status	Discontinued
Available until	2017-06-30
Alternative product	1479780000

Creation date May 27, 2025 9:16:15 AM CEST

RS 31 24VDC LD LP 1U

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Technical data

Dimensions and weights

Depth	53.5 mm	Depth (inches)	2.106 inch
Height	70 mm	Height (inches)	2.756 inch
Width	25 mm	Width (inches)	0.984 inch
Net weight	40.66 g		

Temperatures

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

Control side

Rated control voltage	24 V DC $\pm$ 10 %	Power rating	1 W
Status indicator	red LED	Protective circuit	Free-wheeling diode, Reverse polarity protection

Load side

Rated switching voltage	250 V AC	Max. switching frequency at rated load	0.1 Hz
Max. switching voltage, AC	250 V	Inrush current	60 A / 200 ms
AC switching capacity (resistive), max.	3500 VA	DC switching capacity (resistive), max.	480 W
Switch-on delay	< 9 ms	Switch-off delay	< 10 ms
Contact type	1 CO contact (AgCdO)	Electrical service life, DC coil	230V, 50Hz, 3.5kVA: 2.5*10 ⁵ switching cycles
Mechanical service life	30 x 10 ⁶ switching cycles	Min. switching power	1 W

General data

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

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Creepage and clearance distance input – output	> 3 mm
Impulse withstand voltage	6 kV	Protection degree	IP20

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
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	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	ECLASS 12.0	27-37-16-01
ECLASS 13.0	27-37-16-01	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

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www.weidmueller.com**Technical data****Environmental Product Compliance**

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	3820ceea-2b49-4a61-bda5-08f3867b3419

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

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Catalogues	Catalogues in PDF-format
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Drawings

Wiring diagram

