

RST EG7 24VDC
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

General ordering data

Version	EG-Series, Relay module, Number of contacts: 1, CO contact AgNi 0.15 gold flashed, Rated control voltage: 24 V DC +15 % / -10 %, Continuous current: 5 A, Plug-in connection, Test button available: No
Order No.	8216570000
Type	RST EG7 24VDC
GTIN (EAN)	4008190190484
Qty.	5 items
Delivery status	Discontinued
Available until	2012-12-31T00:00:00+01:00
Alternative product	TRS 24VDC 1CO

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	62.5 mm	Depth (inches)	2.4606 inch
Height	51 mm	Height (inches)	2.0079 inch
Width	10 mm	Width (inches)	0.3937 inch
Net weight	31.8 g		

Temperatures

Storage temperature	-40 °C...60 °C	Operating temperature	-25 °C...60
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Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Control side

Rated control voltage	24 V DC +15 % / -10 %	Power rating	280 mW +20 % -10 %
Status indicator	Green LED		

Load side

Rated switching voltage	250 V AC	Max. switching frequency at rated load	0.1 Hz
Max. switching current	8 A	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	Inrush current	8 A
AC switching capacity (resistive), max.	1250 VA	DC switching capacity (resistive), max.	120 W @ 24 V
Switch-on delay	≤ 8 ms	Switch-off delay	≤ 6 ms
Min. switching current	10 mA	Contact type	1 CO contact (AgNi 0.15 gold flashed)
Electrical service life, DC coil	> 2x10 ⁵ (24Vdc, 1.1A, inductive load) switching cycles	Mechanical service life	> 15 x 10 ⁶ switching cycles
Min. switching power	10 mA @ 10 V		

General data

Mounting rail	TS 32, TS 15, TS 35	Test button available	No
Mechanical switch position indicator	No	Colour	beige

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Clearance and creepage distances for control side - load side	≥ 8 mm
Creepage and clearance distance input - ≥ 8 mm output		Dielectric strength for control side - load side	8 kV
Dielectric strength, Input/Output	4 kVeff	Impulse withstand voltage	8 kV
Protection degree	IP20		

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Technical data**Connection data**

Wire connection method	Plug-in connection
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Classifications

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

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Accessories

Cross-connections



Large potential for small terminals.
For efficient electrical distribution directly at the connection:

- Isolated comb rail
- Available with the most standard pole numbers
- Easy to shorten

Simply reduce in size to match the number of poles and connect with the conductor in a single working procedure.

For retrofitting or deliberate reduction of the thermal load on the PCB.

General ordering data

Type	QB 16/10.16	Version	
Order No.	1650330000	Printed circuit board terminals, Accessories, Cross-connector, Number	
GTIN (EAN)	4008190297381	of poles: 1	
Qty.	20 ST		