

EGR EG7 24VDC 1A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

General ordering data

Version	EG-Series, Relay module, Number of contacts: 1, NO contact AgNi 0.15 gold flashed, Rated control voltage: 24 V DC +15 % / -10 %, Continuous current: 5 A, Screw connection, Test button available: No
Order No.	8216520000
Type	EGR EG7 24VDC 1A
GTIN (EAN)	4008190190439
Qty.	10 items
Delivery status	Discontinued
Available until	2012-12-31T00:00:00+01:00
Alternative product	TRS 24VDC 1CO

EGR EG7 24VDC 1A

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	92 mm	Depth (inches)	3.622 inch
Height	44.5 mm	Height (inches)	1.752 inch
Width	10 mm	Width (inches)	0.3937 inch
Net weight	44.31 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 NO 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 15, TS 32, 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	Screw connection	Clamping range, rated connection	1.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 16
Wire cross-section, solid, min.	0.5 mm ²	Wire cross-section, solid, max.	1.5 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	1.5 mm ²
Blade size	0.6 x 3.5 mm		

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

Steel

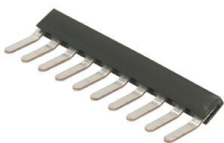


Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

General ordering data

Type	TS 32X15 2M/ST/ZN	Version
Order No.	0122800000	Terminal rail, Accessories, Steel, galvanic zinc plated and passivated,
GTIN (EAN)	4008190066307	Width: 2000 mm, Height: 33 mm, Depth: 15 mm
Qty.	20 M	
Type	TS 35X7.5 2M/ST/ZN	Version
Order No.	0383400000	Terminal rail, Accessories, Steel, galvanic zinc plated and passivated,
GTIN (EAN)	4008190088026	Width: 2000 mm, Height: 35 mm, Depth: 7.5 mm
Qty.	40 M	
Type	TS 35X15/2.3 2M/ST/ZN	Version
Order No.	0498000000	Terminal rail, Accessories, Steel, galvanic zinc plated and passivated,
GTIN (EAN)	4008190042493	Width: 2000 mm, Height: 35 mm, Depth: 15 mm
Qty.	20 M	
Type	TS 15X5 2M/ST/ZN	Version
Order No.	0514200000	Terminal rail, Accessories, Steel, galvanic zinc plated and passivated,
GTIN (EAN)	4008190172428	Width: 2000 mm, Height: 15 mm, Depth: 5.5 mm
Qty.	10 M	

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	