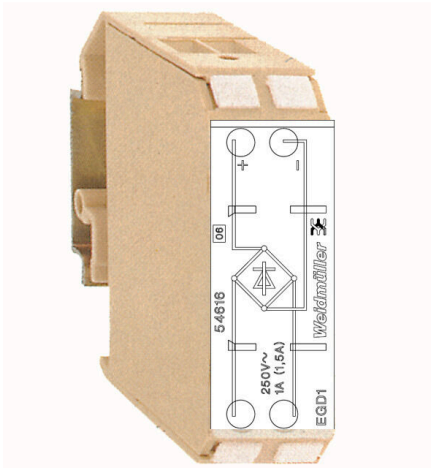


EGD1 EG2 4D 5-250VAC/1A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Similar to illustration



EGD rectifier components can be mounted on terminal rails.

The bridge circuit consists of four individual diodes with a wide input voltage range of 5...240 Vac.

The industry-standard rectifier switches are protected from overvoltage on both the input and output sides with varistors.

General ordering data

Version	Rectifier circuit
Order No.	0546160000
Type	EGD1 EG2 4D 5-250VAC/1A
GTIN (EAN)	4008190098162
Qty.	10 items

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Height	58 mm	Height (inches)	2.2835 inch
Width	20 mm	Width (inches)	0.7874 inch
Net weight	34.76 g		

Temperatures

Storage temperature	-45 °C...100 °C	Operating temperature	-30 °C...40 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7cl
REACH SVHC	No SVHC above 0.1 wt%

General data

Segment	Measurement - Monitoring - Setting	Version	Surge protection for measurement and control
Design	Component housing	Width + mounting tolerance	20.2 mm
Height with TS 35	63 mm	Height with TS 32	67.5 mm

Input

Rated control voltage	230 V AC	Rated current AC	1.5 A
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General data

Design	Component housing	Version	Surge protection for measurement and control
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Insulation coordination

Surge voltage category	II	Pollution severity	2
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Connection data

Cross-section	2.5 mm ²	Type of connection	Screw connection
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.6 Nm
Clamping range, rated connection	4 mm ²	Clamping range, min.	0.5 mm ²
Clamping range, max.	4 mm ²	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm ²

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Technical data

Classifications

ETIM 8.0	EC002540	ETIM 9.0	EC002540
ETIM 10.0	EC002540	ECLASS 14.0	27-04-03-90
ECLASS 15.0	27-04-03-90		

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Drawings

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