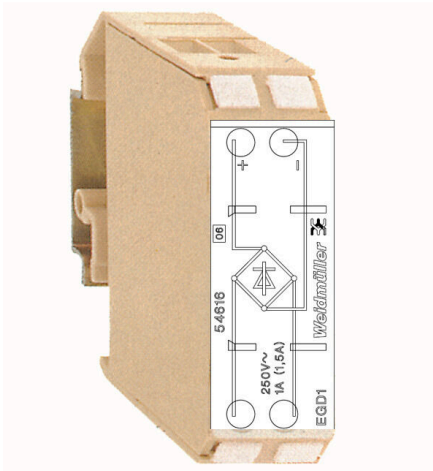


**EGD2 EG2 5..240VAC/1A**

**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, Surge protection with varistor
Order No.	<a href="#">0546260000</a>
Type	EGD2 EG2 5..240VAC/1A
GTIN (EAN)	4008190103705
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	36.87 g		

### Temperatures

Storage temperature	-45 °C...100 °C	Operating temperature	-30 °C...40 °C
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### Probability of failure

MTTF	11414 a
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### Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a
REACH SVHC	Lead 7439-92-1
SCIP	e1c85f97-efe9-452e-b160-3df02d7555ab

### 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	2,5 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 <sup>2</sup>	Type of connection	Screw connection
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.6 Nm
Clamping range, rated connection	4 mm <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>	Wire connection cross section AWG, max.	AWG 12

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**Technical data**

Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm <sup>2</sup>

**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		

