

## EG-Series EGD2 EG2 5..240VAC/1A

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

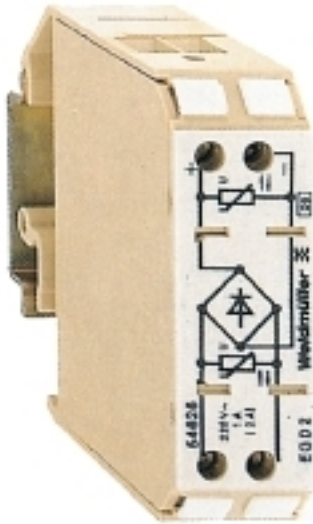
D-32758 Detmold

Germany

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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

Available until	2016-04-01
Type	EGD2 EG2 5..240VAC/1A
Order No.	<a href="#">0546260000</a>
Version	Surge protection, Rectifier circuit
GTIN (EAN)	4008190103705
Qty.	10 pc(s).

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**Technical data**
**Dimensions and weights**

Width	20 mm	Width (inches)	0.787 inch
Height	58 mm	Height (inches)	2.283 inch
Net weight	36.87 g		

**Temperatures**

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

MTTF	11,414 Years
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**Input**

Varistor	275 V AC
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**General data**

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**

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, rated connection, min.	0.5 mm <sup>2</sup>	Clamping range, rated connection, max.	4 mm <sup>2</sup>
Wire connection cross section AWG, max.	AWG 12	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 3.0	EC000943	ETIM 4.0	EC000381
ETIM 5.0	EC000381	ETIM 6.0	EC002540
UNSPSC	30-21-19-21	eClass 5.1	27-13-08-01
eClass 6.2	27-13-08-02	eClass 7.1	27-27-09-90
eClass 8.1	27-27-09-90	eClass 9.0	27-27-09-90
eClass 9.1	27-04-03-90		

**Product information**

Descriptive text technical data	See derating-chart
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**Data sheet****EG-Series**  
**EGD2 EG2 5..240VAC/1A****Weidmüller Interface GmbH & Co. KG**  
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Approvals



ROHS

Conform

**Downloads**Approval/Certificate/Document of  
Conformity[K013\\_06\\_10.pdf](#)

Engineering Data

[EPLAN.WSCAD](#)

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