

**EGD2 EG2 5..240VAC/1A****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 pc(s).
Available until	2019-06-26

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

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

**Temperatures**

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

MTTF	11,414 a		
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**General data**

Design	Component housing	Version	Surge protection for measurement and control
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**Input**

Rated control voltage	230 V AC	Rated current AC	2,5 A
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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
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 6.0	EC002540	ETIM 7.0	EC002540
ETIM 8.0	EC002540	ETIM 9.0	EC002540
ECLASS 9.0	27-04-07-01	ECLASS 9.1	27-04-03-90
ECLASS 10.0	27-04-07-01	ECLASS 11.0	27-04-03-90
ECLASS 12.0	27-04-03-90	ECLASS 13.0	27-04-03-90

**Environmental Product Compliance**

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

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## Technical data

### Approvals

Approvals



ROHS

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# Drawings

