

EG-Series
EGD1 EG2 4D 5-250VAC/1A**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
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www.weidmueller.com

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	2015-12-31
Type	EGD1 EG2 4D 5-250VAC/1A
Order No.	0546160000
Version	Surge protection, Rectifier circuit
GTIN (EAN)	4008190098162
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	34.76 g		

Temperatures

Operating temperature	-30 °C...40 °C	Storage temperature	-45 °C...100 °C
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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 ²
Clamping range, rated connection, min.	0.5 mm ²	Clamping range, rated connection, 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		

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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Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	K013_06_10.pdf
Engineering Data	EPLAN.WSCAD

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Data sheet**EG-Series**
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