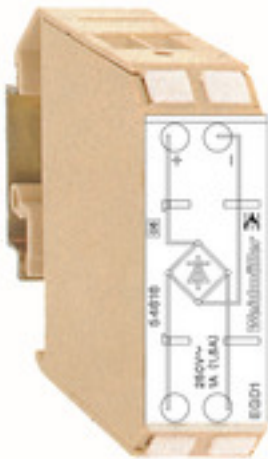


EGD2 EG2 5..240VAC/1A

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.	0546260000
Type	EGD2 EG2 5..240VAC/1A
GTIN (EAN)	4008190103705
Qty.	10 pc(s).
Available until	2019-06-26

Creation date March 6, 2023 10:55:40 AM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

EGD2 EG2 5..240VAC/1A

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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 °C
Operating temperature, min.	-30 °C	Operating temperature, max.	40 °C

Probability of failure

MTTF	11,414 Years
------	--------------

General data

Design	Component housing	Version	Surge protection for measurement and control
--------	-------------------	---------	--

Input

Rated control voltage	230 V AC	Rated current AC	2,5 A
-----------------------	----------	------------------	-------

Insulation coordination

Surge voltage category	II	Pollution severity	2
------------------------	----	--------------------	---

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

Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
ETIM 8.0	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	e1c85f97-efe9-452e-b160-3df02d7f555ab

Data sheet**EGD2 EG2 5..240VAC/1A****Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[Certificate](#)
[Declaration of Conformity](#)

Engineering Data

[WSCAD](#)

Catalogues

[Catalogues in PDF-format](#)

Data sheet

EGD2 EG2 5..240VAC/1A

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

www.weidmueller.com

Drawings

