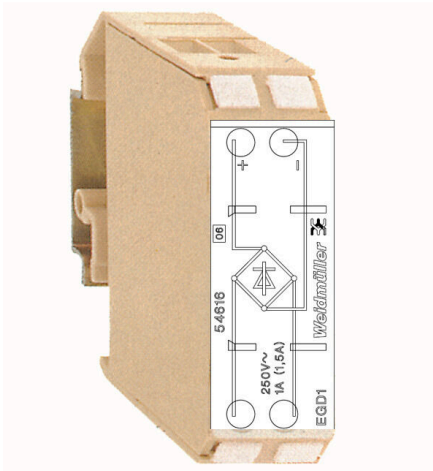


**EGD1 EG2 4D 5-250VAC/1A**

**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          |
| Order No.  | <a href="#">0546160000</a> |
| Type       | EGD1 EG2 4D 5-250VAC/1A    |
| GTIN (EAN) | 4008190098162              |
| 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 | 34.76 g |                 |             |

## Temperatures

|                     |                 |                       |                |
|---------------------|-----------------|-----------------------|----------------|
| Storage temperature | -45 °C...100 °C | Operating temperature | -30 °C...40 °C |
|---------------------|-----------------|-----------------------|----------------|

## Environmental Product Compliance

|                                      |                          |
|--------------------------------------|--------------------------|
| RoHS Compliance Status               | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 7cl                      |
| REACH SVHC                           | No SVHC above 0.1 wt%    |

## General data

|                   |                                       |                            |   |
|-------------------|---------------------------------------|----------------------------|---|
| Segment           | Measurement - Monitoring<br>- Setting | Version                    | Surge protection for<br>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 | 1.5 A |
|-----------------------|----------|------------------|-------|

## General data

|        |                   |         |   |
|--------|-------------------|---------|---|
| Design | Component housing | Version | Surge protection for<br>measurement and control |
|--------|-------------------|---------|---|

## Insulation coordination

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

## 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,<br>max.                    | AWG 12              |
| Wire connection cross section, finely<br>stranded, min.       | 0.5 mm <sup>2</sup> | Wire connection cross section, finely<br>stranded, max.       | 4 mm <sup>2</sup>   |
| Conductor cross-section, flexible, AEH<br>(DIN 46228-1), min. | 0.5 mm <sup>2</sup> | Conductor cross-section, flexible, AEH<br>(DIN 46228-1), max. | 2.5 mm <sup>2</sup> |

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# Technical data

### 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 |             |             |

