

**maxGUARD  
AMG OD**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
www.weidmueller.com



Efficient machine and facility operation calls for fail-safe and maintenance-friendly control voltage distribution that can be installed in a time and space-saving manner.

With the new maxGUARD system, the terminal blocks (previously installed separately) for distributing potential to the outputs of the electronic load monitors become an integral part of a 24 V DC control voltage distribution system.

The innovative combination of load monitoring and potential distribution saves time during installation, increases safety against failure and reduces the amount of space required on the terminal rail by 50%.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Type       | AMG OD                     |
| Order No.  | <a href="#">2122910000</a> |
| Version    | Potential distributor      |
| GTIN (EAN) | 4050118425185              |
| Qty.       | 10 pc(s).                  |

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

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Width      | 6.1 mm  | Width (inches)  | 0.24 inch  |
| Height     | 125 mm  | Height (inches) | 4.921 inch |
| Depth      | 96.5 mm | Depth (inches)  | 3.799 inch |
| Net weight | 27.5 g  |                 |            |

**Temperatures**

|                       |                |                     |                |
|-----------------------|----------------|---------------------|----------------|
| Operating temperature | -25 °C...55 °C | Storage temperature | -40 °C...85 °C |
|-----------------------|----------------|---------------------|----------------|

**Probability of failure**

|      |              |
|------|--------------|
| MTTF | 50,000 Years |
|------|--------------|

**Input**

|                   |         |
|-------------------|---------|
| Connection system | PUSH IN |
|-------------------|---------|

**output**

|                   |         |
|-------------------|---------|
| Connection system | PUSH IN |
|-------------------|---------|

**General data**

|                                |      |                                  |                |
|--------------------------------|------|----------------------------------|----------------|
| Current load per contact point | 12 A | Operating temperature            | -25 °C...55 °C |
| Protection degree              | IP20 | Total current load per potential | 12 A           |

**Connection data (input)**

|                   |         |
|-------------------|---------|
| Connection system | PUSH IN |
|-------------------|---------|

**Connection data (output)**

|   |                     |   |   |
|---|---------------------|---|---|
| Conductor cross-section, AWG/kcmil , max. | 12                  | Conductor cross-section, AWG/kcmil , min. | 26  |
| Conductor cross-section, flexible , max.  | 2.5 mm <sup>2</sup> | Conductor cross-section, flexible , min.  | 0.14 mm <sup>2</sup>  |
| Conductor cross-section, rigid , max.     | 2.5 mm <sup>2</sup> | Conductor cross-section, rigid , min.     | 0.14 mm <sup>2</sup>  |
| Connection system                         | PUSH IN             | Number of terminals                       | 4 (++) / -, 2 x 1.5 mm <sup>2</sup> , 2 x 2.5 mm <sup>2</sup> |
| Screwdriver blade                         | 0.6 x 3.5           |   |   |

**Approvals**

Institute (cULus)



Certificate no. (cULus)

E258476

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 6.0   | EC000897    | eClass 6.2 | 27-14-11-25 |
| eClass 9.1 | 27-14-11-20 |            |             |

Creation date August 15, 2017 11:55:46 AM CEST

Catalogue status 14.08.2017 / We reserve the right to make technical changes.

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**Data sheet****maxGUARD  
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Approvals



ROHS

Conform

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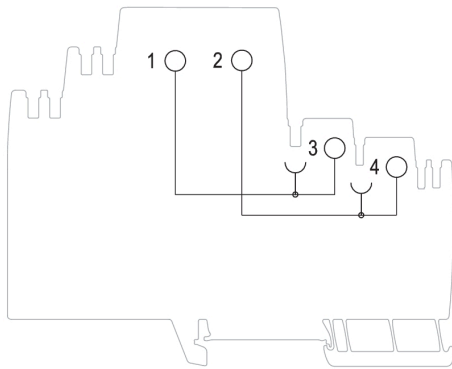
|                    |  |
|--------------------|--|
| Brochure/Catalogue | <a href="#">CAT 1 TERM 16/17 EN</a>      |
| Engineering Data   | <a href="#">EPLAN, WSCAD, Zuken E3.S</a> |
| User Documentation | <a href="#">Operating instructions</a>   |

**Data sheet**

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**Drawings**



Schematic circuit diagram

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