

**AMG OD EX****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com



Similar to illustration

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**

|            |                            |
|------------|----------------------------|
| Version    | Potential distributor      |
| Order No.  | <a href="#">2495090000</a> |
| Type       | AMG OD EX                  |
| GTIN (EAN) | 4050118504781              |
| Qty.       | 10 pc(s).                  |

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## Technical data

### Dimensions and weights

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

### Output

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

### General data

|                                  |      |                                |      |
|----------------------------------|------|--------------------------------|------|
| Conformal coating                | Yes  | Current load per contact point | 12 A |
| Total current load per potential | 12 A |                                |      |

### 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> |

### Approvals

|                           |                  |                         |           |
|---------------------------|------------------|-------------------------|-----------|
| Certificate No. (ATEX)    | DEMKO17ATEX1870X | Certificate no. (cULus) | E258476   |
| Certificate no. (cULusEX) | E470829          | Institute (cULus)       | CULUS     |
| Institute (cULusEX)       | CULUSEX          | Institute(ATEX)         | DEMKOATEX |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | EC000897    | ECLASS 9.0  | 27-14-11-20 |
| ECLASS 9.1  | 27-14-11-20 | ECLASS 10.0 | 27-14-11-20 |
| ECLASS 11.0 | 27-14-11-20 | ECLASS 12.0 | 27-14-11-20 |

### Approvals

Approvals



|                           |            |
|---------------------------|------------|
| ROHS                      | Conform    |
| UL File Number Search     | UL Website |
| Certificate no. (cULus)   | E258476    |
| Certificate no. (cULusEX) | E470829    |

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## Technical data

### Downloads

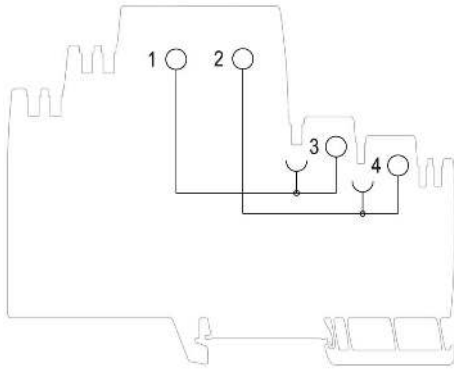
|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a>                                 |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| Engineering Data                            | <a href="#">EPLAN</a>   |
| User Documentation                          | <a href="#">Manual_maxGUARD</a><br><a href="#">Operating instructions</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                  |

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**Drawings**

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Schematic circuit diagram