

**AMG MD****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**

| General ordering data |                            |
|-----------------------|----------------------------|
| Version               | Potential distributor      |
| Order No.             | <a href="#">2122930000</a> |
| Type                  | AMG MD                     |
| GTIN (EAN)            | 4050118425192              |
| 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 |
| Net weight     | 27.5 g    | Width           | 6.1 mm     |
| Width (inches) | 0.24 inch |                 |            |

## Temperatures

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

## Probability of failure

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

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## Output

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

## General data

|                                  |      |                       |                |
|----------------------------------|------|-----------------------|----------------|
| Current load per contact point   | 12 A | Operating temperature | -25 °C...55 °C |
| 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 (4x -), 2 x 1.5 mm <sup>2</sup> , 2 x 2.5 mm <sup>2</sup> |

## Approvals

|                         |         |                   |       |
|-------------------------|---------|-------------------|-------|
| Certificate no. (cULus) | E258476 | Institute (cULus) | CULUS |
|-------------------------|---------|-------------------|-------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | 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 |

## Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E258476 |

Creation date March 26, 2021 10:29:53 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Technical data

### Downloads

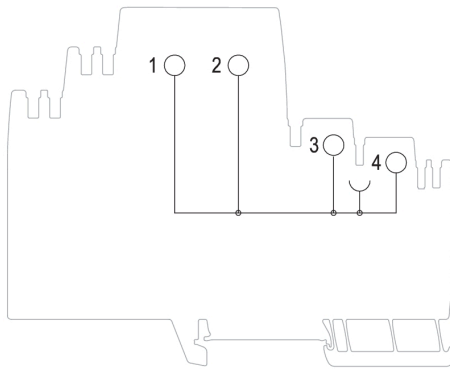
|                                             |                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a>                                           |
| Engineering Data                            | <a href="#">STEP</a>                                                                |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                                            |
| User Documentation                          | <a href="#">Operating instructions / leaflet</a><br><a href="#">Manual_maxGUARD</a> |

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## Drawings



Schematic circuit diagram