

**WZAD 240****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image****General ordering data**

|            |  |
|------------|--|
| Version    | Auxiliary connection (terminal), 10 mm <sup>2</sup> , Number of connections: 1 |
| Order No.  | <a href="#">1802810000</a>   |
| Type       | WZAD 240   |
| GTIN (EAN) | 4032248313754  |
| Qty.       | 5 pc(s).   |

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## Technical data

## Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 34.7 mm  | Depth (inches)  | 1.366 inch |
| Height     | 58.6 mm  | Height (inches) | 2.307 inch |
| Width      | 10.15 mm | Width (inches)  | 0.4 inch   |
| Net weight | 17.6 g   |                 |            |

## Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C         |                                  |        |

## Material data

|                           |       |        |            |
|---------------------------|-------|--------|------------|
| Material                  | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0   |        |            |

## System specifications

|                                     |                       |                  |   |
|-------------------------------------|-----------------------|------------------|---|
| Version                             | Additional connection | Number of levels | 1 |
| Number of clamping points per level | 1                     |                  |   |

## Additional technical data

|                          |         |                     |   |
|--------------------------|---------|---------------------|---|
| Explosion-tested version | No      | Installation advice | Feed-through (bushing), Direct mounting |
| Type of fixing           | Snap-on |                     |   |

## Conductors for clamping (rated connection)

|   |                     |   |                     |
|---|---------------------|---|---------------------|
| Blade size  | 1.0 x 5.5 mm        | Clamping range, max.  | 10 mm <sup>2</sup>  |
| Clamping range, min.  | 0.5 mm <sup>2</sup> | Clamping screw  | M 4                 |
| Connection cross-section, finely stranded, max.   | 10 mm <sup>2</sup>  | Connection cross-section, finely stranded, min.   | 0.5 mm <sup>2</sup> |
| Connection cross-section, stranded, max.  | 10 mm <sup>2</sup>  | Connection cross-section, stranded, min.  | 0.5 mm <sup>2</sup> |
| Connection direction  | on side             | Number of connections   | 1                   |
| Stripping length  | 11 mm               | Tightening torque, max.   | 1.8 Nm              |
| Tightening torque, min.   | 1.2 Nm              | Twin wire-end ferrules, max.  | 6 mm <sup>2</sup>   |
| Twin wire-end ferrules, min.  | 0.5 mm <sup>2</sup> | Type of connection  | Screw connection    |
| Wire connection cross section AWG, max.   | AWG 8               | Wire connection cross section AWG, min.   | AWG 20              |
| Wire connection cross section, finely stranded, max.                                    | 10 mm <sup>2</sup>  | Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 10 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 10 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max.   | 10 mm <sup>2</sup>  | Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup> |

## Dimensions

|                 |       |
|-----------------|-------|
| Pitch in mm (P) | 10 mm |
|-----------------|-------|

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## General

|   |   |   |       |
|---|---|---|-------|
| Installation advice                     | Feed-through (bushing), Direct mounting | Wire connection cross section AWG, max. | AWG 8 |
| Wire connection cross section AWG, min. | AWG 20                                  |   |       |

## Rating data

|  |                    |                                 |         |
|--|--------------------|---------------------------------|---------|
| Rated cross-section                          | 10 mm <sup>2</sup> | Rated voltage                   | 1,000 V |
| Rated DC voltage                             | 1,000 V            | Rated current                   | 57 A    |
| Volume resistance according to IEC 60947-7-x | 0.56 mΩ            | Rated impulse withstand voltage | 8 kV    |
| Power loss in accordance with IEC 60947-7-x  | 1.82 W             | Pollution severity              | 3       |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002848    | ETIM 7.0    | EC002848    |
| ETIM 8.0    | EC002848    | ETIM 9.0    | EC002848    |
| ECLASS 9.0  | 27-14-11-92 | ECLASS 9.1  | 27-14-11-92 |
| ECLASS 10.0 | 27-14-11-92 | ECLASS 11.0 | 27-14-11-92 |
| ECLASS 12.0 | 27-14-11-92 | ECLASS 13.0 | 27-25-03-08 |
| ECLASS 14.0 | 27-25-03-08 |             |             |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| REACH SVHC             | /                           |
| RoHS Compliance Status | Compliant without exemption |

## Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">Confirmation of Standards EN 45545-2_2020-10</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                              |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>              |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                     |
| Brochures                                   |  |