

**Product image**

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

**General ordering data**

|            |  |
|------------|--|
| Version    | Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 35 mm <sup>2</sup> , Threaded stud connection |
| Order No.  | <a href="#">1319050000</a>   |
| Type       | WF 6/32  |
| GTIN (EAN) | 4050118317237  |
| Qty.       | 25 items   |

## WF 6/32

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

|            |       |                 |             |
|------------|-------|-----------------|-------------|
| Depth      | 61 mm | Depth (inches)  | 2.4016 inch |
| Height     | 67 mm | Height (inches) | 2.6378 inch |
| Width      | 16 mm | Width (inches)  | 0.6299 inch |
| Net weight | 28 g  |                 |             |

## Temperatures

|                                  |                |                                  |               |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -5 °C...40 °C |
| Continuous operating temp., min. | -50 °C         | Continuous operating temp., max. | 120 °C        |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Material data

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

## System specifications

|                                     |                       |                                   |       |
|-------------------------------------|-----------------------|-----------------------------------|-------|
| Version                             | Single-stud terminals | End cover plate required          | No    |
| Number of potentials                | 1                     | Number of levels                  | 1     |
| Number of clamping points per level | 1                     | Levels cross-connected internally | No    |
| PE connection                       | No                    | Mounting rail                     | TS 32 |

## Additional technical data

|                          |    |                  |         |
|--------------------------|----|------------------|---------|
| Explosion-tested version | No | Type of mounting | Snap-on |
|--------------------------|----|------------------|---------|

## Conductors for clamping (rated connection)

|   |                          |   |                        |
|---|--------------------------|---|------------------------|
| Cable lug to DIN 46234  | 2.5...35 mm <sup>2</sup> | Cable lug to DIN 46235  | 6...25 mm <sup>2</sup> |
| Wire connection cross section AWG, max.   | AWG 2                    | Connection direction  | on side                |
| Tightening torque, max.   | 6 Nm                     | Tightening torque, min.   | 3 Nm                   |
| Type of connection  | Threaded stud connection | Number of connections   | 1                      |
| Clamping range, max.  | 35 mm <sup>2</sup>       | Clamping range, min.  | 2.5 mm <sup>2</sup>    |
| Wire connection cross section AWG, min.   | AWG 12                   | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 2.5 mm <sup>2</sup>    |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 2.5 mm <sup>2</sup>      | Wire connection cross section, finely stranded, max.                                    | 35 mm <sup>2</sup>     |
| Wire connection cross section, finely stranded, min.                                    | 2.5 mm <sup>2</sup>      | Connection cross-section, stranded, max.  | 35 mm <sup>2</sup>     |

## WF 6/32

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Technical data

|   |                           |   |                        |
|---|---------------------------|---|------------------------|
| Connection cross-section, stranded, min.        | 2.5 mm <sup>2</sup>       | Stud size for spade connection                  | M 6                    |
| Wire connection cross-section, solid core, max. | 35 mm <sup>2</sup>        | Wire connection cross-section, solid core, min. | 2.5 mm <sup>2</sup>    |
| Connection cross-section, finely stranded, min. | 2.5 mm <sup>2</sup>       | 2 x cable lugs DIN 46 235                       | 6...25 mm <sup>2</sup> |
| 2 x cable lugs DIN 46 234                       | 2.5 to 35 mm <sup>2</sup> |   |                        |

### General

|   |               |   |        |
|---|---------------|---|--------|
| Wire connection cross section AWG, max. | AWG 2         | Wire connection cross section AWG, min. | AWG 12 |
| Standards                               | IEC 60947-7-1 | Mounting rail                           | TS 32  |

### Rating data

|   |                    |  |         |
|---|--------------------|--|---------|
| Rated cross-section                         | 35 mm <sup>2</sup> | Rated voltage                                    | 1000 V  |
| Rated DC voltage                            | 1000 V             | Voltage with epoxy resin partition plate         | 2300 V  |
| Nominal current                             | 125 A              | Current at maximum wires                         | 125 A   |
| Standards                                   | IEC 60947-7-1      | Volume resistance according to IEC 60947-7-x     | 0.26 mΩ |
| Rated impulse withstand voltage             | 8 kV               | Impulse voltage with epoxy resin partition plate | 12 kV   |
| Power loss in accordance with IEC 60947-7-x | 4.00 W             | Pollution severity                               | 3       |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000897    | ETIM 9.0    | EC000897    |
| ETIM 10.0   | EC000897    | ECLASS 14.0 | 27-25-01-01 |
| ECLASS 15.0 | 27-25-01-01 |             |             |

**Drawings**

