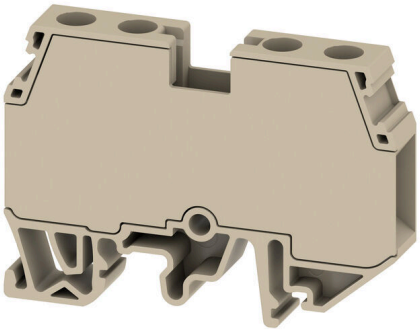
Data sheet

# WDUB 16

**Weidmüller Interface GmbH & Co. KG**
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Germany

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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 | Feed-through terminal block, Screw connection, dark beige, 16 mm², 76 A, 1000 V, Number of connections: 2 |
| Order No. | 2868370000 |
| Type | WDUB 16 |
| GTIN (EAN) | 4064675619413 |
| Qty. | 20 items |

# Data sheet

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# Technical data

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E60693 |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 47 mm | Depth (inches) | 1.8504 inch |
| Height | 65 mm | Height (inches) | 2.5591 inch |
| Width | 9.9 mm | Width (inches) | 0.3898 inch |
| Net weight | 30.25 g | | |

### Temperatures

| | | | |
|---|---|---|---|
| Ambient temperature | -40 °C...65 °C | Continuous operating temp., min. | -40 °C |
| Continuous operating temp., max. | 110 °C | | |

### Environmental Product Compliance

| | | |
|---|---|---|
| RoHS Compliance Status | Compliant without exemption | |
| REACH SVHC | No SVHC above 0.1 wt% | |
| Product Carbon Footprint | Cradle to gate | 0.218 kg CO2 eq. |

### Material data

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

### System specifications

| | | | |
|---|---|---|---|
| Version | Screw connection, for screwable cross-connection, One end without connector | End cover plate required | No |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | Mounting rail | TS 35, TS 32 |
| N-function | No | PE function | No |
| PEN function | No | | |

### Additional technical data

| | | | |
|---|---|---|---|
| Open sides | closed | Snap-on | Yes |
| Type of fixing | Snap-on | Explosion-tested version | No |
| Type of mounting | TS 32, TS 35 | | |

### CSA rating data

| | | | |
|---|---|---|---|
| Wire cross section max. (CSA) | 6 AWG | Voltage size C (CSA) | 600 V |
| Current size C (CSA) | 65 A | Certificate No. (CSA) | 200039-1057876 |
| Voltage size B (CSA) | 600 V | Current size B (CSA) | 65 A |
| Voltage size D (CSA) | 600 V | Current size D (CSA) | 5 A |

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# Technical data

| | |
|---|---|
| Wire cross section min. (CSA) | 18 AWG |

## Conductors for clamping (additional connection)

| | |
|---|---|
| Connection type, additional connection | Screw connection |

## Conductors for clamping (rated connection)

| | | | |
|---|---|---|---|
| Gauge to IEC 60947-1 | B6 | Wire connection cross section AWG, max. | AWG 6 |
| Connection direction | on side | Tightening torque, max. | 1.9 Nm |
| Tightening torque, min. | 1.2 Nm | Stripping length | 20 mm |
| Type of connection | Screw connection | Number of connections | 2 |
| Clamping range, max. | 16 mm² | Clamping range, min. | 0.5 mm² |
| Clamping screw | M 4 | Blade size | 0.8 x 4.0 mm |
| Wire connection cross section AWG, min. | AWG 24 | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 10 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 10 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm² | Wire connection cross-section, finely stranded, max. | 10 mm² |
| Wire connection cross section, finely stranded, min. | 0.5 mm² | Connection cross-section, stranded, max. | 16 mm² |
| Connection cross-section, stranded, min. | 0.5 mm² | Wire connection cross-section, solid core, max. | 16 mm² |
| Wire connection cross-section, solid core, min. | 0.5 mm² | Connection cross-section, finely stranded (rated connection), min. | 0.5 mm² |

## General

| | | | |
|---|---|---|---|
| Wire connection cross section AWG, max. | AWG 6 | Wire connection cross section AWG, min. | AWG 24 |
| Standards | IEC 60947-7-1 | Mounting rail | TS 35, TS 32 |

## Rating data

| | | | |
|---|---|---|---|
| Rated cross-section | 16 mm² | Rated voltage | 1000 V |
| Rated DC voltage | 1000 V | Nominal current | 76 A |
| Current at maximum wires | 76 A | Standards | IEC 60947-7-1 |
| Volume resistance | 0.42 mΩ | Rated impulse withstand voltage | 8 kV |
| Surge voltage category | III | Pollution severity | 3 |

## UL rating data

| | | | |
|---|---|---|---|
| Voltage size B (cURus) | 600 V | Voltage size D (cURus) | 600 V |
| Wire cross section max. (cURus) | 6 AWG | Certificate No. (cURus) | E60693 |
| Wire cross section min. (cURus) | 18 AWG | Current size B (cURus) | 65 A |
| Voltage size C (cURus) | 600 V | Current size C (cURus) | 65 A |
| Current size D (cURus) | 5 A | | |

## 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 | | |

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## Drawings

