

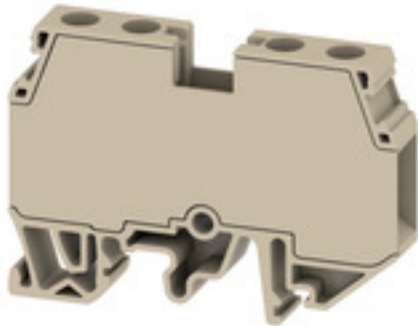
WDUB 16**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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 mm ² , 76 A, 1000 V, Number of connections: 2, Number of levels: 1, TS 35, TS 32, V-O, Wemid, 110 °C |
| Order No. | 2868370000 |
| Type | WDUB 16 |
| GTIN (EAN) | 4064675619413 |
| Qty. | 20 pc(s). |

Creation date November 26, 2024 12:25:26 PM CET

Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|--------|-----------------|------------|
| Depth | 47 mm | Depth (inches) | 1.85 inch |
| Height | 65 mm | Height (inches) | 2.559 inch |
| Width | 9.9 mm | Width (inches) | 0.39 inch |
| Net weight | 40 g | | |

Temperatures

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

Material data

| | | | |
|---------------------------|-------|--------|------------|
| 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 | Rail | TS 35, TS 32 |
| N-function | No | PE function | No |
| PEN function | No | | |

Additional technical data

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

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|-------|
| Certificate No. (CSA) | 200039-1057876 | Current size B (CSA) | 65 A |
| Current size C (CSA) | 65 A | Current size D (CSA) | 5 A |
| Voltage size B (CSA) | 600 V | Voltage size C (CSA) | 600 V |
| Voltage size D (CSA) | 600 V | Wire cross section max. (CSA) | 6 AWG |
| Wire cross section min. (CSA) | 18 AWG | | |

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

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Technical data

Conductors for clamping (rated connection)

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

General

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

Rating data

| | | | |
|--|--------------------|---------------------------------|---------------|
| Rated cross-section | 16 mm ² | Rated voltage | 1,000 V |
| Rated DC voltage | 1,000 V | Rated current | 76 A |
| Current at maximum wires | 76 A | Standards | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 0.42 mΩ | Rated impulse withstand voltage | 8 kV |
| Pollution severity | 3 | Surge voltage category | III |

UL rating data

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

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ETIM 8.0 | EC000897 | ETIM 9.0 | 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 | ECLASS 13.0 | 27-25-01-01 |
| ECLASS 14.0 | 27-25-01-01 | | |

Data sheet

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Technical data

Environmental Product Compliance

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

Approvals

Approvals



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

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Confirmation of Standards EN 45545-2_2020-10 CE Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |

Data sheet

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Drawings

