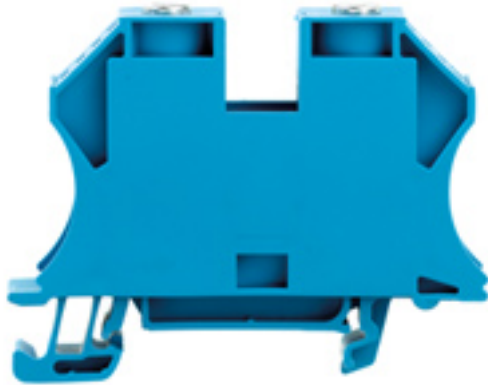


**W-Series
WDU 35N BL**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



The versatile and extensive range of products - from 0.05 mm² to 300 mm² - means that you have diverse options for your applications at your disposal. Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

General ordering data

| | |
|------------|--|
| Type | WDU 35N BL |
| Order No. | 1040480000 |
| Version | W-Series, Feed-through terminal, Rated cross-section: 35 mm ² , Screw connection, Direct mounting, Blue |
| GTIN (EAN) | 4008190353834 |
| Qty. | 20 pc(s). |

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Technische Daten

Dimensions and weights

| | | | |
|--------|---------|--------------------------|----------|
| Length | 66 mm | Width | 16 mm |
| Height | 50.5 mm | Height of lowest version | 51 mm |
| Weight | 52 g | Net weight | 48.154 g |

Temperatures

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

2 clampable wires (H05V/H07V) same cross-section (rated connection)

| | | | |
|--|---------------------|--|-------------------|
| Wire connection cross section, finely stranded, two clampable wires, min. | 2.5 mm ² | Wire cross-section, finely stranded, two clampable wires, max. | 6 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min. | 2.5 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max. | 6 mm ² |

Additional technical data

| | | | |
|-----------------------------|---------|---------------------|--|
| Explosion-tested version | No | Installation advice | Direct mounting |
| Number of similar terminals | 1 | Open sides | closed |
| Type of mounting | Snap-on | Version | Screw connection, for screwable cross-connection, closed |

CSA ratings data

| | | | |
|-------------------------------|-----------|-------------------------------|-------|
| Certificate No. (CSA) | 12400-388 | Voltage size B (CSA) | 300 V |
| Voltage size D (CSA) | 300 V | Current size B (CSA) | 120 A |
| Current size D (CSA) | 10 A | Wire cross section max. (CSA) | 2 AWG |
| Wire cross section min. (CSA) | 12 AWG | | |

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Clampable wires (rated connection)

| | | | |
|---|---------------------|---|---------------------|
| Type of connection | Screw connection | Stripping length | 18 mm |
| Blade size | 6.5 x 1.2 mm | Connection direction | on side |
| Number of connections | 2 | Clamping range, rated connection, min. | 2.5 mm ² |
| Clamping range, rated connection, max. | 50 mm ² | Clamping screw | M 6 |
| Tightening torque, min. | 4 Nm | Tightening torque, max. | 5 Nm |
| Gauge to IEC 60947-1 | B8 | Wire connection cross section, solid core, max. rated connection | 2.5 mm ² |
| Wire connection cross section, solid core max. rated connection | 16 mm ² | Wire connection cross section, stranded, rated connection, min. | 2.5 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 50 mm ² | Wire connection cross section, finely stranded, max. | 35 mm ² |
| Wire connection cross-section, finely stranded, min. | 2.5 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 2.5 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 35 mm ² | Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 2.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 35 mm ² | Wire connection cross section AWG, min. | AWG 12 |
| Wire connection cross section AWG, max. | AWG 10 | | |

Rated data

| | | | |
|---------------------------------|--------------------|---------------|---------------|
| Rated cross-section | 35 mm ² | Rated voltage | 500 V |
| Rated impulse withstand voltage | 6 kV | Rated current | 125 A |
| Current at maximum wires | 150 A | Standards | IEC 60947-7-1 |
| Pollution severity | 3 | | |

UL ratings data

| | | | |
|---|--------|---|--------|
| Certificate No. (UR) | E60693 | Voltage size C (UR) | 1000 V |
| Current size C (UR) | 150 A | Conductor size Factory wiring max. (UR) | 0 AWG |
| Conductor size Factory wiring min. (UR) | 12 AWG | Conductor size Field wiring max. (UR) | 0 AWG |

Material data

| | | | |
|---------------------------|-------|--------|------|
| Material | Wemid | Colour | Blue |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-----------------------------------|----------|----------------------------------|------------------|
| Product family | W-Series | Type of connection | Screw connection |
| Connection direction | on side | Number of levels | 1 |
| Number of connections | 2 | No. of clamping points per level | 2 |
| Levels cross-connected internally | No | End cover plate required | No |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000897 | UNSPSC | 30-21-18-11 |
| eClass 5.1 | 27-14-11-20 | eClass 6.2 | 27-14-11-20 |
| eClass 7.1 | 27-14-11-20 | | |

Datenblatt**W-Series
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Descriptive text ordering data 1000 VDC rated voltage tested. 1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Approvals

Approvals



ROHS

Conform

Datenblatt

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Zeichnungen

