

W-Series
WPDB 35-16/16 1-1/6**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

| | |
|------------|---|
| Order No. | 1939450000 |
| Type | WPDB 35-16/16 1-1/6 |
| Version | W-Series, Distribution block, Rated cross-section: 0 mm ² , Screw connection |
| GTIN (EAN) | 4032248615827 |
| Qty. | 1 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|--------------------------|---------|--------|-------|
| Length | 75 mm | Width | 27 mm |
| Height of lowest version | 47 mm | Weight | 134 g |
| Net weight | 134.5 g | | |

Temperatures

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

Additional technical data

| | | | |
|--------------------------|---------|------------|--------|
| Explosion-tested version | No | Open sides | closed |
| Type of mounting | Snap-on | | |

Clampable wires (additional connection)

| | | | |
|---|--------------------|---|--------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 10 mm ² | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 35 mm ² |
|---|--------------------|---|--------------------|

Clampable wires (rated connection)

| | | | |
|---|---------------------|---|--------------------|
| Type of connection | Screw connection | Connection direction | on side |
| Clamping range, rated connection, min. | 2.5 mm ² | Clamping range, rated connection, max. | 35 mm ² |
| Wire connection cross section, solid core, max. rated connection | 10 mm ² | Wire connection cross section, solid core max. rated connection | 35 mm ² |
| Wire connection cross section, finely stranded, max. | 35 mm ² | Wire connection cross-section, finely stranded, min. | 6 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 10 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 35 mm ² |

Dimensions

| | |
|--------------|-------|
| TS 35 offset | 66 mm |
|--------------|-------|

Rated data

| | | | |
|---------------------------------|-------------------|---------------|---------------|
| Rated cross-section | 0 mm ² | Rated voltage | 690 V |
| Rated impulse withstand voltage | 8 kV | Rated current | 125 A |
| Current at maximum wires | 125 A | Standards | IEC 60947-7-1 |
| Pollution severity | 3 | | |

UL ratings data

| | |
|-------------------------|---------------|
| Certificate No. (cURus) | E22382 1AUXEL |
|-------------------------|---------------|

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | Dark Beige |
| UL 94 flammability rating | V-0 | | |

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System specifications

| | | | |
|----------------------------------|----------|-----------------------------------|------------------|
| Product family | W-Series | Type of connection | Screw connection |
| Connection direction | on side | Number of levels | 2 |
| No. of clamping points per level | 3 | Levels cross-connected internally | Yes |
| Mounting rail | TS 35 | End cover plate required | No |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000897 | UNSPSC | 30-21-18-11 |
| eClass 5.1 | 27-14-11-20 | eClass 6.0 | 27-14-11-20 |
| eClass 7.0 | 27-14-11-20 | | |

Product information

| | |
|---------------------------------|-----------|
| Descriptive text technical data | 1500 V DC |
|---------------------------------|-----------|

Approvals

Approvals

