

WPD 100 2X25/6X10 BK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

| | |
|------------|--|
| Version | Potential distributor terminal, Screw connection, black, 25 mm ² , 101 A, 1000 V, Number of connections: 8, Number of levels: 1 |
| Order No. | 2814490000 |
| Type | WPD 100 2X25/6X10 BK |
| GTIN (EAN) | 4064675299721 |
| Qty. | 3 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 49 mm | Depth (inches) | 1.9291 inch |
| Height | 55.4 mm | Height (inches) | 2.1811 inch |
| Width | 30.2 mm | Width (inches) | 1.189 inch |
| Net weight | 102 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Ambient temperature | -50 °C...85 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 130 °C | | |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2 |

Material data

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

System specifications

| | | | |
|-------------------------------------|------------------|-----------------------------------|-----|
| Version | Screw connection | End cover plate required | No |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | Levels cross-connected internally | Yes |
| Mounting rail | TS 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | | | |
|--------------------------|-----|------------------|---------|
| Explosion-tested version | Yes | Type of mounting | Snap-on |
|--------------------------|-----|------------------|---------|

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|--------------------|
| Wire connection cross section AWG, max. | AWG 4 | Connection direction | on side |
| Type of connection 2 | Screw connection | Type of connection | Screw connection |
| Number of connections | 8 | Clamping range, max. | 25 mm ² |
| Clamping range, min. | 1.5 mm ² | Wire connection cross section AWG, min. | AWG 16 |

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| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 1.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 16 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 1.5 mm ² | Wire connection cross section, finely stranded, max. | 0 mm ² |
| Wire connection cross section, finely stranded, min. | 1.5 mm ² | Connection cross-section, stranded, max. | 25 mm ² |
| Connection cross-section, stranded, min. | 1.5 mm ² | Wire connection cross-section, solid core, max. | 25 mm ² |
| Wire connection cross-section, solid core, min. | 1.5 mm ² | | |

General

| | | | |
|---|--------|---|------------------------|
| Number of poles | 1 | Wire connection cross section AWG, max. | AWG 4 |
| Wire connection cross section AWG, min. | AWG 16 | Standards | UL 1059, IEC 60947-7-1 |
| Mounting rail | TS 35 | | |

Rating data

| | | | |
|---------------------|------------------------|--------------------------|--------|
| Rated cross-section | 25 mm ² | Rated voltage | 1000 V |
| Rated AC voltage | 1000 V | Rated DC voltage | 1000 V |
| Nominal current | 101 A | Current at maximum wires | 101 A |
| Standards | UL 1059, IEC 60947-7-1 | | |

Classifications

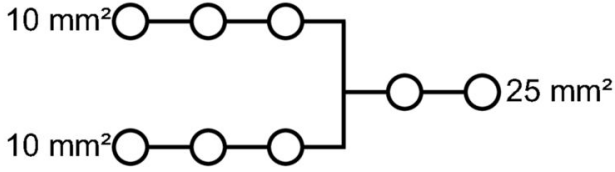
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ETIM 10.0 | EC000897 | ECLASS 14.0 | 27-25-01-19 |
| ECLASS 15.0 | 27-25-01-19 | | |

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Drawings

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Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

| Output (x2) | Copper | | Aluminum | | Output (x6) | Copper | | Aluminum | |
|-------------------|--------------|-----|----------|------|--------------|--------|-----|----------|------|
| | □-□ | □-□ | □-□ | □-□ | | □-□ | □-□ | □-□ | □-□ |
| 2x25 mm² | □-□ | □-□ | □-□ | □-□ | 6x10 mm² | □-□ | □-□ | □-□ | □-□ |
| 25 mm² | | | | 8 Nm | 10 mm² | | | | |
| 18 mm² | | | | | 8 mm² | | | | |
| 10 mm² | | | 3 Nm | | 4 mm² | | | | |
| 6 mm² | | | | | 2.5 mm² | 2 Nm | | 2 Nm | 3 Nm |
| 4 mm² | | | | | 1.5 mm² | | | | |
| 2.5 mm² | | | | | | | | | |
| 1.5 mm² | | | | | | | | | |
| Stripping lengths | 17 mm | | | | 9 mm | | | | |
| screw | M6 (+/- PZ2) | | | | M6 (+/- PZ2) | | | | |

□-□ □-□ □-□ □-□
 Standed Solid Flexible with female

