

WPD 201 4X25/4X16 GN**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, Light Grey, 25 mm ² , 152 A, 1000 V, Number of connections: 8, Number of levels: 1 |
| Order No. | 2731240000 |
| Type | WPD 201 4X25/4X16 GN |
| GTIN (EAN) | 4050118809930 |
| Qty. | 2 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 49.3 mm | Depth (inches) | 1.9409 inch |
| Height | 55.7 mm | Height (inches) | 2.1929 inch |
| Width | 43.6 mm | Width (inches) | 1.7165 inch |
| Net weight | 71 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|----------------|
| Storage temperature | -25 °C...55 °C | 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 | 9436182c-fbd0-49e8-bf45-a0deac7233a9 |

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Basic material | Wemid | Colour | Light Grey |
| 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

| | | | |
|------------------|---------|--------------------------|-----|
| Snap-on | Yes | 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. | 35 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 | IEC 60947-7-1, UL 1059 |
| 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 | 152 A | Current at maximum wires | 152 A |
| Standards | IEC 60947-7-1, UL 1059 | | |

Classifications

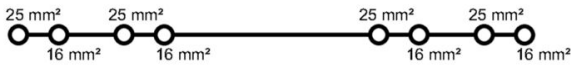
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ETIM 10.0 | EC000897 | ECLASS 14.0 | 27-25-01-19 |
| ECLASS 15.0 | 27-25-01-19 | | |

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Drawings

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Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

| Output (x2) / Output (x2) | Copper | | Aluminum | Output (x2) / Output (x2) | Copper | | Aluminum |
|----------------------------|-----------------|------------------|------------------|----------------------------|-----------------|------------------|------------------|
| | Stripped length | Stripping length | Stripping length | | Stripped length | Stripping length | Stripping length |
| 2x25 mm² (round conductor) | 19 mm | 19 mm | 19 mm | 2x16 mm² (round conductor) | 19 mm | 19 mm | 19 mm |
| 16 mm² | 3.5 Nm | 3.5 Nm | 4 Nm | 16 mm² | 2.5 Nm | 2.5 Nm | 4 Nm |
| 10 mm² | | | | 10 mm² | | | |
| 6 mm² | | | | 6 mm² | | | |
| 4 mm² | | | | 4 mm² | | | |
| 2.5 mm² | | | | 2.5 mm² | | | |
| 1.5 mm² | | | | 1.5 mm² | | | |
| Stripping lengths | 19 mm | | | Stripping lengths | 19 mm | | |
| score | M6 (+/- PZ2) | | | score | M6 (+/- PZ2) | | |

Stranded Solid Flexible with ferrule

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR) XCFR2.E60693

| Input (line) | Line | | Load | |
|-----------------------|------------|------------|------------|------------|
| | Copper | Aluminum | Copper | Aluminum |
| AWG 4 | | 35 Lb In | | 35 Lb In |
| AWG 6 | | | | |
| AWG 8 | 22.1 Lb In | | 22.1 Lb In | |
| AWG 10 | | 22.1 Lb In | | 22.1 Lb In |
| AWG 12 | | | | |
| AWG 14 | | | | |
| AWG 16 | | | | |
| max. current | 90 A | 90 A | 65 A | 50 A |
| Voltage size B,C (UR) | 600 V | | | |

Stranded Solid Flexible with ferrule

CSA Rating data according to CSA 22.2 No. 158 ng data

Certificate no. (cURus) XCFR2.E60693

| Input (line) | Line | | Load | |
|-----------------------|--------|----------|--------|----------|
| | Copper | Aluminum | Copper | Aluminum |
| AWG 4 | | 4 Nm | | 4 Nm |
| AWG 6 | | | | |
| AWG 8 | 2.5 Nm | | 2.1 Nm | |
| AWG 10 | | 2.5 Nm | | 2.1 Nm |
| AWG 12 | | | | |
| AWG 14 | | | | |
| AWG 16 | | | | |
| max. current | 90 A | 90 A | 65 A | 50 A |
| Voltage size B,C (UR) | 600 V | | | |

Stranded Solid Flexible with ferrule

