

**WPD 201 4X25/4X16 BL****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 <sup>2</sup> , 152 A, 1000 V, Number of connections: 8, Number of levels: 1 |
| Order No.  | <a href="#">2731230000</a>  |
| Type       | WPD 201 4X25/4X16 BL  |
| GTIN (EAN) | 4050118810516   |
| Qty.       | 2 items   |

## WPD 201 4X25/4X16 BL

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## 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 | 132 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.                    | 25 mm <sup>2</sup> |
| Clamping range, min.                    | 1.5 mm <sup>2</sup> | Wire connection cross section AWG, min. | AWG 16             |

## WPD 201 4X25/4X16 BL

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technical data

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

### 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 <sup>2</sup>     | 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           | 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 |             |             |

## WPD 201 4X25/4X16 BL

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

## Drawings

www.weidmueller.com



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

| Øinput (x2) / Output (x2)  | Copper          |                  | Aluminum         | Øinput (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           |                  | 19 mm            | Stripping lengths          | 19 mm           |                  | 19 mm            |
| score                      | M6 (+/- PZ2)    |                  | M6 (+/- PZ2)     | score                      | M6 (+/- PZ2)    |                  | 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

