

## WPD 100 2X25/6X10 GY

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

### Produktbild



### Gebäudeinstallationsverdrahtung

Für die Gebäudeinstallation bieten wir ein Gesamtsystem rund um die 10×3-Kupferschiene aus optimal aufeinander abgestimmten Komponenten: von Installations-, Neutralleiter- und Verteilerreihenklemmen bis hin zu umfangreichem Zubehör wie Sammelschienen und Sammelschienenhaltern.

### Allgemeine Bestelldaten

|            |  |
|------------|--|
| Ausführung | W-Reihe, Verteilerblock, Bemessungsquerschnitt: 25 mm <sup>2</sup> , Schraubanschluss, Tragschiene / Montageplatte |
| Best.-Nr.  | <a href="#">1561910000</a>   |
| Typ        | WPD 100 2X25/6X10 GY   |
| GTIN (EAN) | 4050118367218  |
| VPE        | 3 Stück  |

Erstellungs-Datum 22. Februar 2023 00:48:29 MEZ

Katalogstand 18.02.2023 / Technische Änderungen vorbehalten

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## Technische Daten

### Abmessungen und Gewichte

|              |         |               |            |
|--------------|---------|---------------|------------|
| Tiefe        | 49 mm   | Tiefe (inch)  | 1,929 inch |
| Höhe         | 55,4 mm | Höhe (inch)   | 2,181 inch |
| Breite       | 30,2 mm | Breite (inch) | 1,189 inch |
| Nettogewicht | 102 g   |               |            |

### Temperaturen

|                                |                |                                |        |
|--------------------------------|----------------|--------------------------------|--------|
| Lagertemperatur                | -25 °C...55 °C | Dauergebrauchstemperatur, min. | -50 °C |
| Dauergebrauchstemperatur, max. | 130 °C         |                                |        |

### Allgemeines

|               |                                |        |               |
|---------------|--------------------------------|--------|---------------|
| Einbauhinweis | Tragschiene /<br>Montageplatte | Normen | IEC 60998-2-1 |
| Polzahl       | 1                              |        |               |

### Bemessungsdaten

|                       |                    |                       |               |
|-----------------------|--------------------|-----------------------|---------------|
| Bemessungsquerschnitt | 25 mm <sup>2</sup> | Bemessungsspannung    | 1.000 V       |
| Bemessungsspannung AC | 1.000 V AC         | Bemessungsspannung DC | 1.000 V DC    |
| Nennstrom             | 101 A              | Normen                | IEC 60998-2-1 |

### Klemmbare Leiter (Bemessungsanschluss)

|              |                  |                   |          |
|--------------|------------------|-------------------|----------|
| Anschlussart | Schraubanschluss | Anschlussrichtung | seitlich |
|--------------|------------------|-------------------|----------|

### Systemkennwerte

|                                  |                  |                                 |      |
|----------------------------------|------------------|---------------------------------|------|
| Ausführung                       | Schraubanschluss | Abschlussplatte erforderlich    | Nein |
| Anzahl der Potentiale            | 1                | Anzahl der Etagen               | 1    |
| Anzahl der Klemmstellen je Etage | 2                | Anzahl der Potentiale pro Etage | 1    |
| Etagen intern gebrückt           | Ja               | PE-Anschluss                    | Nein |
| N-Funktion                       | Nein             | PE-Funktion                     | Nein |
| PEN-Funktion                     | Nein             |                                 |      |

### Werkstoffdaten

|                                |       |       |           |
|--------------------------------|-------|-------|-----------|
| Werkstoff                      | Wemid | Farbe | lichtgrau |
| Brennbarkeitsklasse nach UL 94 | V-0   |       |           |

### weitere technische Daten

|               |                                |            |          |
|---------------|--------------------------------|------------|----------|
| Einbauhinweis | Tragschiene /<br>Montageplatte | Montageart | gerastet |
| Offene Seiten | geschlossen                    |            |          |

### Klassifikationen

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | EC000897    | ECLASS 9.0  | 27-14-11-20 |
| ECLASS 9.1  | 27-14-11-20 | ECLASS 10.0 | 27-14-11-20 |
| ECLASS 11.0 | 27-14-11-20 | ECLASS 12.0 | 27-14-11-20 |

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## Technische Daten

### Umweltanforderungen

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2 |

### Zulassungen

Zulassungen



|      |         |
|------|---------|
| ROHS | Konform |
|------|---------|

### Downloads

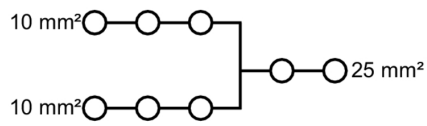
|  |  |
|--|--|
| Zulassung / Zertifikat /<br>Konformitätsdokument | <a href="#">CB Certificate</a><br><a href="#">EAC certificate</a><br><a href="#">FIMKO certificate</a><br><a href="#">VDE Certificate</a><br><a href="#">DNV Certificate</a><br><a href="#">CE Declaration of Conformity</a><br><a href="#">UKCA declaration of conformity</a> |
| Engineering-Daten                                | <a href="#">CAD data – STEP</a>  |
| Engineering-Daten                                | <a href="#">WSCAD</a>  |
| Anwenderdokumentation                            | <a href="#">StorageConditionsTerminalBlocks</a><br><a href="#">DATA SHEET WPD 100</a>  |
| Kataloge   | <a href="#">Catalogues in PDF-format</a>   |
| Broschüren                                       |  |

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**Zeichnungen**



## Power distribution

### Screw connection

#### W-Series

#### WPD 100 2X25/6X10 GY



|                               |                   |
|-------------------------------|-------------------|
| Width / Height / Depth        | mm                |
| max. current / max. conductor | A/mm <sup>2</sup> |
| max. clamping range           | mm <sup>2</sup>   |

#### Technical data

|  |                    |                 |
|--|--------------------|-----------------|
| <b>Rated data</b>                                    |                    |                 |
| Rated voltage  | V                  |                 |
| Rated current  | A                  |                 |
| for wire cross-section                               | 25 mm <sup>2</sup> | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                    |                 |
| Overvoltage category / UL 94 flammability rating     |                    |                 |
| Approvals  |                    |                 |
| <b>Clamped conductors (H05V/H07V)</b>                |                    |                 |
| Solid / Stranded                                     | 25 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 10 mm <sup>2</sup> | mm <sup>2</sup> |
| Flexible with ferrule                                | 25 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 10 mm <sup>2</sup> | mm <sup>2</sup> |
| Stripping length / Blade size                        | 25 mm <sup>2</sup> | mm/-            |
|  | 10 mm <sup>2</sup> | mm/-            |
| Tightening torque                                    |                    | Nm              |
| <b>Note</b>  |                    |                 |

#### Ordering data

|                |           |
|----------------|-----------|
| <b>Version</b> |           |
|                | lichtgrau |
|                | blau      |
|                | grün      |
| <b>Note</b>    |           |

#### Accessories

|                    |            |
|--------------------|------------|
| <b>End bracket</b> |            |
|                    | dark beige |
|                    | dark beige |
| <b>Screwdriver</b> |            |
|                    |            |

#### WPD 100

**25 mm<sup>2</sup>**


|                  |                                |                                |
|------------------|--------------------------------|--------------------------------|
| 30.2 / 49 / 55.4 | 10 mm <sup>2</sup> ○ ○ ○ ○ ○ ○ | ○ ○ ○ ○ ○ ○ 25 mm <sup>2</sup> |
| 101 / 25         | 10 mm <sup>2</sup> ○ ○ ○ ○ ○ ○ | ○ ○ ○ ○ ○ ○ 25 mm <sup>2</sup> |
| 1.5...25         |                                |                                |

#### DIN EN 60998-1, IEC 61238-1A

| IEC  | UL        | CSA | EN 60079-7 |
|------|-----------|-----|------------|
| 1000 |           |     |            |
| 101  |           |     |            |
| 25   |           |     |            |
|      | 8 kV / 3  |     |            |
|      | III / V-0 |     |            |

|  |  |
|--|--|
| <b>Rated connection</b>                |  |
| 2.5...25 / 2.5...25                    |  |
| 1.5...10 / 1.5...10                    |  |
| 1.5...16                               |  |
| 1.5...6                                |  |
| 17 / M6 (+/- PZ2)                      |  |
| 9 / M5 (+/- PZ2)                       |  |
| see appendix at the end of the chapter |  |









| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| WPD 100 2X25/6X10 GY | 1    | 1561910000 |
| WPD 100 2X25/6X10 BI | 1    | 1561920000 |
| WPD 100 2X25/6X10 GN | 1    | 1561930000 |




| Type          | Qty. | Order No.  |
|---------------|------|------------|
| WEW 35/2      | 100  | 1061200000 |
| AEB 35 SC/1   | 50   | 1991920000 |
| SDK PZ2 X 100 | 1    | 2749450000 |



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

| Input (x2)              | Copper  |   | Aluminium   |
|-------------------------|---|---|---|
| 2x25 mm <sup>2</sup>    |  |  |  |
| 25 mm <sup>2</sup>      | 3 Nm  | 3 Nm  | 4 Nm  |
| 16 mm <sup>2</sup>      |   |   |   |
| 10 mm <sup>2</sup>      |   |   |   |
| 6 mm <sup>2</sup>       |   |   |   |
| 4 mm <sup>2</sup>       |   |   |   |
| 2.5 mm <sup>2</sup>     |   |   |   |
| 1.5 mm <sup>2</sup>     |   |   |   |
| Stripping lengths screw | 17 mm<br>M6 (+/- PZ2)   |   |   |

| Output (x6)             | Copper  |   | Aluminium   |
|-------------------------|---|---|---|
| 6x16 mm <sup>2</sup>    |  |  |  |
| 10 mm <sup>2</sup>      | 2 Nm  | 2 Nm  | 3 Nm  |
| 6 mm <sup>2</sup>       |   |   |   |
| 4 mm <sup>2</sup>       |   |   |   |
| 2.5 mm <sup>2</sup>     |   |   |   |
| 1.5 mm <sup>2</sup>     |   |   |   |
| Stripping lengths screw | 9 mm<br>M5 (+/- PZ2)  |   |   |

 Stranded
  Solid
  Flexible with ferrule

Application range

B

