

**WPD 104 1X25+1X16/2X16+3X10 RD**

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

www.weidmueller.com



Our WPD 1XX distribution blocks are used in all situations where power is supplied and distributed. Their user-friendly design creates a better overview and enables Rapid, efficient implementation of space-saving power distribution.

**General ordering data**

|            |  |
|------------|--|
| Version    | Potential distributor terminal, Screw connection, red, 25 mm <sup>2</sup> , 164 A, 1000 V, Number of connections: 6, Number of levels: 1 |
| Order No.  | <a href="#">2725260000</a>   |
| Type       | WPD 104 1X25+1X16/2X16+3X10 RD   |
| GTIN (EAN) | 4050118796629  |
| Qty.       | 1 items  |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 49 mm   | Depth (inches)  | 1.9291 inch |
| Height     | 68 mm   | Height (inches) | 2.6772 inch |
| Width      | 31.5 mm | Width (inches)  | 1.2402 inch |
| Net weight | 95 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                                 | e1c310ef-6b67-4efa-80a6-d307472f4de9 |

## Material data

|                           |       |        |     |
|---------------------------|-------|--------|-----|
| Basic material            | Wemid | Colour | red |
| 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                | Number of potentials per tier | 1                     |
| Levels cross-connected internally   | Yes              | Mounting rail                 | Mounting plate, TS 35 |
| N-function                          | No               | PE function                   | No                    |
| PEN function                        | No               |                               |                       |

## Additional technical data

|                  |         |                          |     |
|------------------|---------|--------------------------|-----|
| Open sides       | closed  | 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 |

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### Technical data

|   |                     |   |                    |
|---|---------------------|---|--------------------|
| Number of connections   | 6                   | 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             |
| 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                               | IEC 60947-7-1, UL 1059 |
| Mounting rail                           | Mounting plate, 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     | 164 A                  | Current at maximum wires                    | 164 A  |
| Standards           | IEC 60947-7-1, UL 1059 | Power loss in accordance with IEC 60947-7-x | 2.50 W |

### UL rating data

|                         |        |
|-------------------------|--------|
| Certificate No. (cURus) | E60693 |
|-------------------------|--------|

### Important note

|                     |  |
|---------------------|--|
| Product information | The socket complies with flammability class V-2 according to UL94. |
|---------------------|--|

### 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 |             |             |

