

**WPD 204 2X25/4X16+6X10 2XRD**

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

[www.weidmueller.com](http://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: 12, Number of levels: 1 |
| Order No.  | <a href="#">2725290000</a>  |
| Type       | WPD 204 2X25/4X16+6X10 2XRD   |
| GTIN (EAN) | 4050118796599   |
| Qty.       | 1 items   |

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

|            |       |                 |             |
|------------|-------|-----------------|-------------|
| Depth      | 49 mm | Depth (inches)  | 1.9291 inch |
| Height     | 68 mm | Height (inches) | 2.6772 inch |
| Width      | 63 mm | Width (inches)  | 2.4803 inch |
| Net weight | 202 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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|   |                     |   |                    |
|---|---------------------|---|--------------------|
| Number of connections   | 12                  | 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                         | 2                     | 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 |

### 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 |             |             |



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## Accessories

### Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

### General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | WQB WPD X04/2              | Version   |
| Order No.  | <a href="#">1561980000</a> | Cross-connector (terminal), Plugged, grey, 135 A, Number of poles: 2, |
| GTIN (EAN) | 4050118367317              | Pitch in mm (P): 31.50, Insulated: Yes, Width: 49.3 mm                |
| Qty.       | 20 ST                      |   |
| Type       | WQB WPD X04/3              | Version   |
| Order No.  | <a href="#">1561990000</a> | Cross-connector (terminal), Plugged, grey, 135 A, Number of poles: 3, |
| GTIN (EAN) | 4050118367324              | Pitch in mm (P): 31.50, Insulated: Yes, Width: 80.2 mm                |
| Qty.       | 20 ST                      |   |

### Socket wrench sets

Allen key made from fully hardened, high-alloy chromium-vanadium- steel, acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.



### General ordering data

|            |                            |                 |
|------------|----------------------------|-----------------|
| Type       | SKS 2,0-8,0 MR             | Version         |
| Order No.  | <a href="#">9008870000</a> | socket wrenches |
| GTIN (EAN) | 4032248266623              |                 |
| Qty.       | 1 ST                       |                 |

### Crosshead screwdriver Pozidriv



Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

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## Accessories

### General ordering data

|            |                            |                          |  |
|------------|----------------------------|--------------------------|--|
| Type       | SDK PZ2                    | Version                  |  |
| Order No.  | <a href="#">9008540000</a> | Screwdriver, Screwdriver |  |
| GTIN (EAN) | 4032248056538              |                          |  |
| Qty.       | 1 ST                       |                          |  |