

**WPD 304 3X25/6X16+9X10 3XGY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

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, Light Grey, 25 mm <sup>2</sup> , 164 A, 1000 V, Number of connections: 18, Number of levels: 1, Mounting plate, TS 35, V-O, Wemid |
| Order No.  | <a href="#">1562160000</a>  |
| Type       | WPD 304 3X25/6X16+9X10 3XGY   |
| GTIN (EAN) | 4050118385243   |
| Qty.       | 1 pc(s).  |

## WPD 304 3X25/6X16+9X10 3XGY

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 49 mm   | Depth (inches)  | 1.929 inch |
| Height     | 68 mm   | Height (inches) | 2.677 inch |
| Width      | 94.5 mm | Width (inches)  | 3.72 inch  |
| Net weight | 305 g   |                 |            |

## Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 130 °C         |                                  |        |

## Material data

|                           |       |        |            |
|---------------------------|-------|--------|------------|
| Material                  | Wemid | Colour | Light Grey |
| UL 94 flammability rating | V-0   |        |            |

## System specifications

|                                     |                       |                               |    |
|-------------------------------------|-----------------------|-------------------------------|----|
| Version                             | Screw connection      | End cover plate required      | No |
| Number of potentials                | 3                     | Number of levels              | 1  |
| Number of clamping points per level | 6                     | Number of potentials per tier | 3  |
| Levels cross-connected internally   | Yes                   | PE connection                 | No |
| Rail                                | Mounting plate, TS 35 | N-function                    | No |
| PE function                         | No                    | PEN function                  | No |

## Additional technical data

|                          |        |                     |                                |
|--------------------------|--------|---------------------|--------------------------------|
| Explosion-tested version | Yes    | Installation advice | Terminal rail / mounting plate |
| Open sides               | closed | Type of mounting    | Snap-on                        |

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

|   |                    |   |                    |
|---|--------------------|---|--------------------|
| Connection cross-section, stranded, max.        | 25 mm <sup>2</sup> | Connection direction  | on side            |
| Number of connections                           | 18                 | Type of connection  | Screw connection   |
| Type of connection 2                            | Screw connection   | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 16 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max. | 25 mm <sup>2</sup> |   |                    |

## General

|                     |                                |                 |                        |
|---------------------|--------------------------------|-----------------|------------------------|
| Installation advice | Terminal rail / mounting plate | Number of poles | 3                      |
| Rail                | Mounting plate, TS 35          | Standards       | IEC 60947-7-1, UL 1059 |

## WPD 304 3X25/6X16+9X10 3XGY

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Rating data

|                     |                    |                  |                        |
|---------------------|--------------------|------------------|------------------------|
| Rated cross-section | 25 mm <sup>2</sup> | Rated voltage    | 1,000 V                |
| Rated AC voltage    | 1,000 V            | Rated DC voltage | 1,000 V                |
| Rated current       | 164 A              | Standards        | IEC 60947-7-1, UL 1059 |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | EC000897    | ETIM 9.0    | 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 | ECLASS 13.0 | 27-25-01-19 |
| ECLASS 14.0 | 27-25-01-19 |             |             |

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2 |

## Important note

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

## Approvals

Approvals







|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|





## Downloads

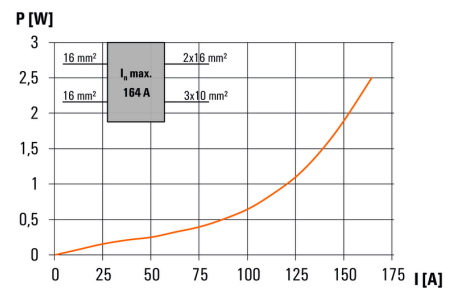
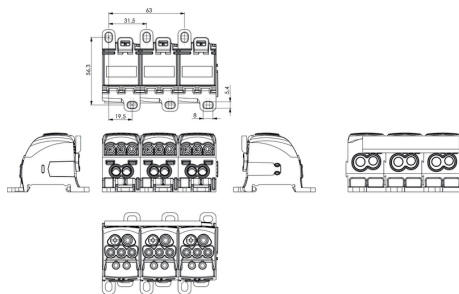
|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">UKCA Ex Attestation of Conformity</a><br><a href="#">CB Certificate</a><br><a href="#">DNV Certificate</a><br><a href="#">CE Declaration of Conformity</a><br><a href="#">UKCA declaration of conformity</a><br><a href="#">Confirmation of Standards EN 45545-2_2020-10</a>    |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a><br><a href="#">DATA SHEET WPD 304</a><br><a href="#">Manual - How to connect aluminum wires in WPD-Terminal blocks</a><br><a href="#">Torque_Conductor_Connection_Data_WPD_EN</a><br><a href="#">Drehmoment_Leiteranschlussdaten_WPD_DE</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |
| Brochures                                   |   |

[www.weidmueller.com](http://www.weidmueller.com)

| Conductor connection data according to IEC 60897-1 (2x) |       |         |         |         |         |         |         |         |         |
|---|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| conductor part 1  |       |         |         |         |         |         |         |         |         |
| part  | C 2/3 | C 2/3+1 | C 2/3+1 | C 2/3+1 | C 2/3+1 | C 2/3+1 | C 2/3+1 | C 2/3+1 | C 2/3+1 |
| 20 mm   | 2.00  | 2.00    | 2.00    | 2.00    | 2.00    | 2.00    | 2.00    | 2.00    | 2.00    |
| 30 mm   |       |         |         |         |         |         |         |         |         |
| 40 mm   |       |         |         |         |         |         |         |         |         |
| 50 mm   |       |         |         |         |         |         |         |         |         |
| 63 mm   |       |         |         |         |         |         |         |         |         |
| 75 mm   |       |         |         |         |         |         |         |         |         |
| 90 mm   |       |         |         |         |         |         |         |         |         |
| 110 mm  |       |         |         |         |         |         |         |         |         |
| 125 mm  |       |         |         |         |         |         |         |         |         |
| 160 mm  |       |         |         |         |         |         |         |         |         |
| 180 mm  |       |         |         |         |         |         |         |         |         |
| 200 mm  |       |         |         |         |         |         |         |         |         |
| 250 mm  |       |         |         |         |         |         |         |         |         |
| 315 mm  |       |         |         |         |         |         |         |         |         |
| 400 mm  |       |         |         |         |         |         |         |         |         |
| 500 mm  |       |         |         |         |         |         |         |         |         |
| 630 mm  |       |         |         |         |         |         |         |         |         |
| 800 mm  |       |         |         |         |         |         |         |         |         |
| 1000 mm   |       |         |         |         |         |         |         |         |         |
| 1250 mm   |       |         |         |         |         |         |         |         |         |
| 1600 mm   |       |         |         |         |         |         |         |         |         |
| 2000 mm   |       |         |         |         |         |         |         |         |         |
| 2500 mm   |       |         |         |         |         |         |         |         |         |
| 3150 mm   |       |         |         |         |         |         |         |         |         |
| 4000 mm   |       |         |         |         |         |         |         |         |         |
| 5000 mm   |       |         |         |         |         |         |         |         |         |
| 6300 mm   |       |         |         |         |         |         |         |         |         |
| 8000 mm   |       |         |         |         |         |         |         |         |         |
| 10000 mm  |       |         |         |         |         |         |         |         |         |
| 12500 mm  |       |         |         |         |         |         |         |         |         |
| 16000 mm  |       |         |         |         |         |         |         |         |         |
| 20000 mm  |       |         |         |         |         |         |         |         |         |
| 25000 mm  |       |         |         |         |         |         |         |         |         |
| 31500 mm  |       |         |         |         |         |         |         |         |         |
| 40000 mm  |       |         |         |         |         |         |         |         |         |
| 50000 mm  |       |         |         |         |         |         |         |         |         |
| 63000 mm  |       |         |         |         |         |         |         |         |         |
| 80000 mm  |       |         |         |         |         |         |         |         |         |
| 100000 mm   |       |         |         |         |         |         |         |         |         |
| 125000 mm   |       |         |         |         |         |         |         |         |         |
| 160000 mm   |       |         |         |         |         |         |         |         |         |
| 200000 mm   |       |         |         |         |         |         |         |         |         |
| 250000 mm   |       |         |         |         |         |         |         |         |         |
| 315000 mm   |       |         |         |         |         |         |         |         |         |
| 400000 mm   |       |         |         |         |         |         |         |         |         |
| 500000 mm   |       |         |         |         |         |         |         |         |         |
| 630000 mm   |       |         |         |         |         |         |         |         |         |
| 800000 mm   |       |         |         |         |         |         |         |         |         |
| 1000000 mm  |       |         |         |         |         |         |         |         |         |
| 1250000 mm  |       |         |         |         |         |         |         |         |         |
| 1600000 mm  |       |         |         |         |         |         |         |         |         |
| 2000000 mm  |       |         |         |         |         |         |         |         |         |
| 2500000 mm  |       |         |         |         |         |         |         |         |         |
| 3150000 mm  |       |         |         |         |         |         |         |         |         |
| 4000000 mm  |       |         |         |         |         |         |         |         |         |
| 5000000 mm  |       |         |         |         |         |         |         |         |         |
| 6300000 mm  |       |         |         |         |         |         |         |         |         |
| 8000000 mm  |       |         |         |         |         |         |         |         |         |
| 10000000 mm   |       |         |         |         |         |         |         |         |         |
| 12500000 mm   |       |         |         |         |         |         |         |         |         |
| 16000000 mm   |       |         |         |         |         |         |         |         |         |
| 20000000 mm   |       |         |         |         |         |         |         |         |         |
| 25000000 mm   |       |         |         |         |         |         |         |         |         |
| 31500000 mm   |       |         |         |         |         |         |         |         |         |
| 40000000 mm   |       |         |         |         |         |         |         |         |         |
| 50000000 mm   |       |         |         |         |         |         |         |         |         |
| 63000000 mm   |       |         |         |         |         |         |         |         |         |
| 80000000 mm   |       |         |         |         |         |         |         |         |         |
| 100000000 mm  |       |         |         |         |         |         |         |         |         |
| 125000000 mm  |       |         |         |         |         |         |         |         |         |
| 160000000 mm  |       |         |         |         |         |         |         |         |         |
| 200000000 mm  |       |         |         |         |         |         |         |         |         |
| 250000000 mm  |       |         |         |         |         |         |         |         |         |
| 315000000 mm  |       |         |         |         |         |         |         |         |         |
| 400000000 mm  |       |         |         |         |         |         |         |         |         |
| 500000000 mm  |       |         |         |         |         |         |         |         |         |
| 630000000 mm  |       |         |         |         |         |         |         |         |         |
| 800000000 mm  |       |         |         |         |         |         |         |         |         |
| 1000000000 mm   |       |         |         |         |         |         |         |         |         |
| 1250000000 mm   |       |         |         |         |         |         |         |         |         |
| 1600000000 mm   |       |         |         |         |         |         |         |         |         |
| 2000000000 mm   |       |         |         |         |         |         |         |         |         |
| 2500000000 mm   |       |         |         |         |         |         |         |         |         |
| 3150000000 mm   |       |         |         |         |         |         |         |         |         |
| 4000000000 mm   |       |         |         |         |         |         |         |         |         |
| 5000000000 mm   |       |         |         |         |         |         |         |         |         |
| 6300000000 mm   |       |         |         |         |         |         |         |         |         |
| 8000000000 mm   |       |         |         |         |         |         |         |         |         |
| 10000000000 mm  |       |         |         |         |         |         |         |         |         |
| 12500000000 mm  |       |         |         |         |         |         |         |         |         |
| 16000000000 mm  |       |         |         |         |         |         |         |         |         |
| 20000000000 mm  |       |         |         |         |         |         |         |         |         |
| 25000000000 mm  |       |         |         |         |         |         |         |         |         |
| 31500000000 mm  |       |         |         |         |         |         |         |         |         |
| 40000000000 mm  |       |         |         |         |         |         |         |         |         |
| 50000000000 mm  |       |         |         |         |         |         |         |         |         |
| 63000000000 mm  |       |         |         |         |         |         |         |         |         |
| 80000000000 mm  |       |         |         |         |         |         |         |         |         |
| 100000000000 mm   |       |         |         |         |         |         |         |         |         |
| 125000000000 mm   |       |         |         |         |         |         |         |         |         |
| 160000000000 mm   |       |         |         |         |         |         |         |         |         |
| 200000000000 mm   |       |         |         |         |         |         |         |         |         |
| 250000000000 mm   |       |         |         |         |         |         |         |         |         |
| 315000000000 mm   |       |         |         |         |         |         |         |         |         |
| 400000000000 mm   |       |         |         |         |         |         |         |         |         |
| 500000000000 mm   |       |         |         |         |         |         |         |         |         |
| 630000000000 mm   |       |         |         |         |         |         |         |         |         |
| 800000000000 mm   |       |         |         |         |         |         |         |         |         |
| 1000000000000 mm  |       |         |         |         |         |         |         |         |         |
| 1250000000000 mm  |       |         |         |         |         |         |         |         |         |
| 1600000000000 mm  |       |         |         |         |         |         |         |         |         |
| 2000000000000 mm  |       |         |         |         |         |         |         |         |         |
| 2500000000000 mm  |       |         |         |         |         |         |         |         |         |
| 3150000000000 mm  |       |         |         |         |         |         |         |         |         |
| 4000000000000 mm  |       |         |         |         |         |         |         |         |         |
| 5000000000000 mm  |       |         |         |         |         |         |         |         |         |
| 6300000000000 mm  |       |         |         |         |         |         |         |         |         |
| 8000000000000 mm  |       |         |         |         |         |         |         |         |         |
| 10000000000000 mm                                       |       |         |         |         |         |         |         |         |         |
| 12500000000000 mm                                       |       |         |         |         |         |         |         |         |         |
| 16000000000000 mm                                       |       |         |         |         |         |         |         |         |         |
| 20000000000000 mm                                       |       |         |         |         |         |         |         |         |         |
| 25000000000000 mm                                       |       |         |         |         |         |         |         |         |         |
| 31500000000000 mm                                       |       |         |         |         |         |         |         |         |         |
| 40000000000000 mm                                       |       |         |         |         |         |         |         |         |         |
| 50000000000000 mm                                       |       |         |         |         |         |         |         |         |         |
| 63000000000000 mm                                       |       |         |         |         |         |         |         |         |         |
| 80000000000000 mm                                       |       |         |         |         |         |         |         |         |         |
| 100000000000000 mm                                      |       |         |         |         |         |         |         |         |         |
| 125000000000000 mm                                      |       |         |         |         |         |         |         |         |         |
| 160000000000000 mm                                      |       |         |         |         |         |         |         |         |         |
| 200000000000000 mm                                      |       |         |         |         |         |         |         |         |         |
| 250000000000000 mm                                      |       |         |         |         |         |         |         |         |         |
| 315000000000000 mm                                      |       |         |         |         |         |         |         |         |         |
| 400000000000000 mm                                      |       |         |         |         |         |         |         |         |         |
| 500000000000000 mm                                      |       |         |         |         |         |         |         |         |         |
| 630000000000000 mm                                      |       |         |         |         |         |         |         |         |         |
| 800000000000000 mm                                      |       |         |         |         |         |         |         |         |         |
| 1000000000000000 mm                                     |       |         |         |         |         |         |         |         |         |
| 1250000000000000 mm                                     |       |         |         |         |         |         |         |         |         |
| 1600000000000000 mm                                     |       |         |         |         |         |         |         |         |         |
| 2000000000000000 mm                                     |       |         |         |         |         |         |         |         |         |
| 2500000000000000 mm                                     |       |         |         |         |         |         |         |         |         |
| 3150000000000000 mm                                     |       |         |         |         |         |         |         |         |         |
| 4000000000000000 mm                                     |       |         |         |         |         |         |         |         |         |
| 5000000000000000 mm                                     |       |         |         |         |         |         |         |         |         |
| 6300000000000000 mm                                     |       |         |         |         |         |         |         |         |         |
| 8000000000000000 mm                                     |       |         |         |         |         |         |         |         |         |
| 10000000000000000 mm                                    |       |         |         |         |         |         |         |         |         |
| 12500000000000000 mm                                    |       |         |         |         |         |         |         |         |         |
| 16000000000000000 mm                                    |       |         |         |         |         |         |         |         |         |
| 20000000000000000 mm                                    |       |         |         |         |         |         |         |         |         |
| 25000000000000000 mm                                    |       |         |         |         |         |         |         |         |         |
| 31500000000000000 mm                                    |       |         |         |         |         |         |         |         |         |
| 40000000000000000 mm                                    |       |         |         |         |         |         |         |         |         |
| 50000000000000000 mm                                    |       |         |         |         |         |         |         |         |         |
| 63000000000000000 mm                                    |       |         |         |         |         |         |         |         |         |
| 80000000000000000 mm                                    |       |         |         |         |         |         |         |         |         |
| 100000000000000000 mm                                   |       |         |         |         |         |         |         |         |         |
| 125000000000000000 mm                                   |       |         |         |         |         |         |         |         |         |
| 160000000000000000 mm                                   |       |         |         |         |         |         |         |         |         |
| 200000000000000000 mm                                   |       |         |         |         |         |         |         |         |         |
| 250000000000000000 mm                                   |       |         |         |         |         |         |         |         |         |
| 315000000000000000 mm                                   |       |         |         |         |         |         |         |         |         |
| 400000000000000000 mm                                   |       |         |         |         |         |         |         |         |         |
| 500000000000000000 mm                                   |       |         |         |         |         |         |         |         |         |
| 630000000000000000 mm                                   |       |         |         |         |         |         |         |         |         |
| 800000000000000000 mm                                   |       |         |         |         |         |         |         |         |         |
| 1000000000000000000 mm                                  |       |         |         |         |         |         |         |         |         |
| 1250000000000000000 mm                                  |       |         |         |         |         |         |         |         |         |
| 1600000000000000000 mm                                  |       |         |         |         |         |         |         |         |         |
| 2000000000000000000 mm                                  |       |         |         |         |         |         |         |         |         |
| 2500000000000000000 mm                                  |       |         |         |         |         |         |         |         |         |
| 3150000000000000000 mm                                  |       |         |         |         |         |         |         |         |         |
| 4000000000000000000 mm                                  |       |         |         |         |         |         |         |         |         |
| 5000000000000000000 mm                                  |       |         |         |         |         |         |         |         |         |
| 6300000000000000000 mm                                  |       |         |         |         |         |         |         |         |         |
| 8000000000000000000 mm                                  |       |         |         |         |         |         |         |         |         |
| 10000000000000000000 mm                                 |       |         |         |         |         |         |         |         |         |
| 12500000000000000000 mm                                 |       |         |         |         |         |         |         |         |         |
| 16000000000000000000 mm                                 |       |         |         |         |         |         |         |         |         |
| 20000000000000000000 mm                                 |       |         |         |         |         |         |         |         |         |
| 25000000000000000000 mm                                 |       |         |         |         |         |         |         |         |         |
| 31500000000000000000 mm                                 |       |         |         |         |         |         |         |         |         |
| 40000000000000000000 mm                                 |       |         |         |         |         |         |         |         |         |
| 50000000000000000000 mm                                 |       |         |         |         |         |         |         |         |         |
| 63000000000000000000 mm                                 |       |         |         |         |         |         |         |         |         |
| 80000000000000000000 mm                                 |       |         |         |         |         |         |         |         |         |
| 100000000000000000000 mm                                |       |         |         |         |         |         |         |         |         |
| 125000000000000000000 mm                                |       |         |         |         |         |         |         |         |         |
| 160000000000000000000 mm                                |       |         |         |         |         |         |         |         |         |
| 200000000000000000000 mm                                |       |         |         |         |         |         |         |         |         |
| 250000000000000000000 mm                                |       |         |         |         |         |         |         |         |         |
| 315000000000000000000 mm                                |       |         |         |         |         |         |         |         |         |
| 400000000000000000000 mm                                |       |         |         |         |         |         |         |         |         |
| 500000000000000000000 mm                                |       |         |         |         |         |         |         |         |         |
| 630000000000000000000 mm                                |       |         |         |         |         |         |         |         |         |
| 800000000000000000000 mm                                |       |         |         |         |         |         |         |         |         |
| 1000000000000000000000 mm                               |       |         |         |         |         |         |         |         |         |
| 1250000000000000000000 mm                               |       |         |         |         |         |         |         |         |         |
| 1600000000000000000000 mm                               |       |         |         |         |         |         |         |         |         |
| 2000000000000000000000 mm                               |       |         |         |         |         |         |         |         |         |
| 2500000000000000000000 mm                               |       |         |         |         |         |         |         |         |         |
| 3150000000000000000000 mm                               |       |         |         |         |         |         |         |         |         |
| 4000000000000000000000 mm                               |       |         |         |         |         |         |         |         |         |
| 5000000000000000000000 mm                               |       |         |         |         |         |         |         |         |         |
| 6300000000000000000000 mm                               |       |         |         |         |         |         |         |         |         |
| 8000000000000000000000 mm                               |       |         |         |         |         |         |         |         |         |
| 10000000000000000000000 mm                              |       |         |         |         |         |         |         |         |         |
| 1250000000000000000000                                  |       |         |         |         |         |         |         |         |         |

| Connector connection data according to UL 1059 (Au-Cu) |          |          |       |          |        |          |   |  |  |
|--|----------|----------|-------|----------|--------|----------|---|--|--|
| Conductor (mm)   |          |          |       |          |        |          |   |  |  |
| Input Unit   | Copper   |          |       | Aluminum |        |          |   |  |  |
|  | C 2.0    | C 2.5    | C 3.0 | AL 2.0   | AL 2.5 | AL 3.0   |   |  |  |
| ANSI 4   |          |          |       |          |        |          |  |  |  |
| ANSI 5   |          |          |       |          |        |          |   |  |  |
| ANSI 6   | 23.118 A | 23.118 A |       | 41.131 N |        | 45.112 N |  |  |  |
| ANSI 10  |          |          |       |          |        |          |   |  |  |
| ANSI 12  |          |          |       |          |        |          |  |  |  |
| max. current   | 80 A     | 80 A     | 80 A  | 50 A     | 50 A   | 50 A     |   |  |  |
| Voltage up to 600 V                                    | 600 V    |          |       |          |        |          |  |  |  |
|  |          |          |       |          |        |          | 1000 V  |  |  |
|  |          |          |       |          |        |          | 1000 V  |  |  |

| CSA Rating data according to CSA 22.2 No. 158 |        |                          |           |           |   |  |
|---|--------|--------------------------|-----------|-----------|---|--|
| Certificate No. (CSA)                         |        |                          |           |           | 2000022   |  |
|   | Type   | OP-A                     | OP-1/OP-3 | OP-A/OP-3 |   |  |
| AVS-1   |        |                          |           |           |  |  |
| AVS-5   |        |                          |           |           |  |  |
| AVS-7   |        |                          |           |           |   |  |
| AVS-10  | 2.5 Nm |                          |           |           |  |  |
| AVS-12  |        | 2.5 Nm                   | 2.5 Nm    | 2.5 Nm    |  |  |
| AVS-14  |        |                          |           |           |   |  |
| AVS-16  |        |                          |           |           |   |  |
| Max. current                                  |        |                          |           |           |   |  |
| Voltage per C (CSA)                           |        | 60 V                     | 16 A      | 16 A      |   |  |
| Weight  |        |                          | 600 g     |           |   |  |
| Orange paint                                  |        |                          |           |           |   |  |
| CSA 22.2 No. 158                              |        |                          |           |           |   |  |
| CS-30   | CS-3   |                          |           |           |   |  |
| Standard                                      | Solid  | Fluorescent with Venetia |           |           |   |  |



## WPD 304 3X25/6X16+9X10 3XGY

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

[www.weidmueller.com](http://www.weidmueller.com)

## Accessories

### 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 pc(s).                   |                 |

### Cross connection



### 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 pc(s).                  |   |
| 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 pc(s).                  |   |

**WPD 304 3X25/6X16+9X10 3XGY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Crosshead screwdriver Pozidriv**

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

**General ordering data**

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

## Power distribution

### Screw connection

#### W-Series

#### WPD 104 1x25+1x16/2x16+3x10



#### WPD 104

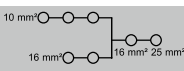
25 mm<sup>2</sup>

#### WPD 204

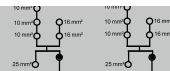
25 mm<sup>2</sup>

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

31.5 / 49 / 68  
101 / 25  
1.5...25



63 / 49 / 68  
101 / 25  
1.5...25



#### Technical data

| Rated data   |                    |                 |
|--|--------------------|-----------------|
| 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  |                    |                 |
| Clamped conductors (H05V/H07V)                       |                    |                 |
| Solid / Stranded                                     | 25 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 16 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 10 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 25 mm <sup>2</sup> | mm <sup>2</sup> |
| Flexible with ferrule                                | 16 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 10 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 25 mm <sup>2</sup> | mm/-            |
|  | 16 mm <sup>2</sup> | mm/-            |
| Stripping length / Blade size                        | 10 mm <sup>2</sup> | mm/-            |
|  | 16 mm <sup>2</sup> | mm/-            |
| Tightening torque                                    |                    | Nm              |
| Note   |                    |                 |

#### IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

| IEC       | UL         | CSA        | EN 60079-7 |
|-----------|------------|------------|------------|
| 1000      | 600        | 600        | 550        |
| 101       | 85         | 85         | 101        |
| 25        | AWG 12...4 | AWG 12...4 | 25         |
| 8 kV / 3  |            |            |            |
| III / V-0 |            |            |            |

#### Rated connection

|                     |
|---------------------|
| 2.5...25 / 2.5...25 |
| 1.5...16 / 1.5...16 |
| 1.5...10 / 1.5...10 |
| 1.5...16            |
| 1.5...10            |
| 1.5...6             |
| 12 / M5             |
| 14 / M6             |
| 19 / M6             |

see appendix at the end of the chapter

#### IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

| IEC       | UL         | CSA        | EN 60079-7 |
|-----------|------------|------------|------------|
| 1000      | 600        | 600        | 550        |
| 101       | 85         | 85         | 101        |
| 25        | AWG 12...4 | AWG 12...4 | 25         |
| 8 kV / 3  |            |            |            |
| III / V-0 |            |            |            |

#### Rated connection

|                     |
|---------------------|
| 2.5...25 / 2.5...25 |
| 1.5...16 / 1.5...16 |
| 1.5...10 / 1.5...10 |
| 1.5...16            |
| 1.5...10            |
| 1.5...6             |
| 12 / M5             |
| 14 / M6             |
| 19 / M6             |

see appendix at the end of the chapter

B

#### Ordering data

| Version |       |
|---------|-------|
|         | grey  |
|         | blue  |
|         | red   |
|         | black |
| Note    |       |

| Type                           | Qty. | Order No.  |
|--------------------------------|------|------------|
| WPD 104 1x25+1x16/2x16+3x10 GY | 1    | 1562000000 |
| WPD 104 1x25+1x16/2x16+3x10 BL | 1    | 2518250000 |
| WPD 104 1x25+1x16/2x16+3x10 RD | 1    | 2725260000 |
| WPD 104 1x25+1x16/2x16+3x10 BK | 1    | 2725360000 |

| Type                        | Qty. | Order No.  |
|-----------------------------|------|------------|
| WPD 204 2x25/4x16+6x10 2XGY | 1    | 1562150000 |
| WPD 204 2x25/4x16+6x10 2XBL | 1    | 2518330000 |
| WPD 204 2x25/4x16+6x10 2XRD | 1    | 2725290000 |
| WPD 204 2x25/4x16+6x10 2XBK | 1    | 2725390000 |

#### Accessories

| Cross connection |            |
|------------------|------------|
|                  | 2-pole     |
|                  | 3-pole     |
| End bracket      |            |
|                  | dark beige |
|                  | dark beige |
| Screwdriver      |            |
|                  | SET        |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WQB WPD X04/2     | 20   | 1561980000 |
| WQB WPD X04/3     | 20   | 1561990000 |
| WEW 35/2          | 100  | 1061200000 |
| AEB 35 SC/1       | 50   | 1991920000 |
| SDK PZ2 X 100     | 1    | 2749450000 |
| SK WSD-S 1,5-10,0 | 1    | 9008850000 |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WEW 35/2          | 100  | 1061200000 |
| AEB 35 SC/1       | 50   | 1991920000 |
| SDK PZ2 X 100     | 1    | 2749450000 |
| SK WSD-S 1,5-10,0 | 1    | 9008850000 |

WPD 304

25 mm<sup>2</sup>



94.5 / 49 / 68  
101 / 25  
1.5...25



IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

| IEC       | UL         | CSA        | EN 60079-7 |
|-----------|------------|------------|------------|
| 1000      | 600        | 600        | 550        |
| 101       | 85         | 85         | 101        |
| 25        | AWG 12...4 | AWG 12...4 | 25         |
| 8 kV / 3  |            |            |            |
| III / V-0 |            |            |            |

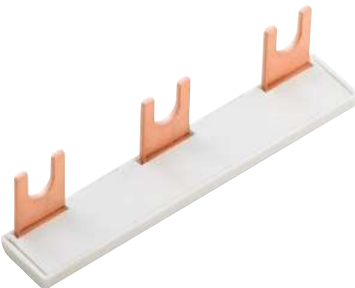
Rated connection

|                     |
|---------------------|
| 2.5...25 / 2.5...25 |
| 1.5...16 / 1.5...16 |
| 1.5...10 / 1.5...10 |
| 1.5...16            |
| 1.5...10            |
| 1.5...6             |
| 12 / M5             |
| 14 / M6             |
| 19 / M6             |

see appendix at the end of the chapter

| Type                        | Qty. | Order No.  |
|-----------------------------|------|------------|
| WPD 304 3X25/6X16+9X10 3XGY | 1    | 1562160000 |
| WPD 304 3X25/6X16+9X10 3XBL | 1    | 2518340000 |
| WPD 304 3x25/6x16+9x10 3xRD | 1    | 2725300000 |
| WPD 304 3x25/6x16+9x10 3xBK | 1    | 2725400000 |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WEW 35/2          | 100  | 1061200000 |
| AEB 35 SC/1       | 50   | 1991920000 |
| SDK PZ2 X 100     | 1    | 2749450000 |
| SK WSD-S 1,5-10,0 | 1    | 9008850000 |



B





Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

| connection point A            |   |   |   |   |
|-------------------------------|---|---|---|---|
| Input                         | Copper  |   | Aluminium*  |   |
|                               |  |  |  |  |
| 25 mm²                        | 2,5 Nm  |   | 5,1 Nm  |   |
| 16 mm²                        |   | 2,5 Nm  |   | 5,1 Nm  |
| 10 mm²                        |   |   |   |   |
| 6 mm²                         |   |   |   |   |
| 4 mm²                         |   |   |   |   |
| 2.5 mm²                       |   |   |   |   |
| 1.5 mm²                       |   |   |   |   |
| Stripping lengths             | 19 mm   |   |   |   |
| Allen screw                   | M6  |   |   |   |
| * Values according to UL 1059 |   |   |   |   |

\* Values according to UL 1059



| Output                        | connection point 1/2/3  |   |   |   | connection point 4/5  |   |   |   | connection point B  |   |   |   |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
|                               | Copper  |   | Aluminium*  |   | Copper  |   | Aluminium*  |   | Copper  |   | Aluminium*  |   |
|                               |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 mm²                        | 2 Nm  | 2 Nm  | 5,1 Nm  |   | 2,5 Nm  | 2,5 Nm  | 5,1 Nm  | 5,1 Nm  | 2,5 Nm  | 2,5 Nm  | 5,1 Nm  |   |
| 10 mm²                        |   |   |   |   |   |   |   |   |   |   |   |   |
| 6 mm²                         |   |   |   |   |   |   |   |   |   |   |   |   |
| 4 mm²                         |   |   |   |   |   |   |   |   |   |   |   |   |
| 2.5 mm²                       |   |   |   |   |   |   |   |   |   |   |   |   |
| 1.5 mm²                       |   |   |   |   |   |   |   |   |   |   |   |   |
| Stripping lengths             | 12 mm   |   |   |   | 14 mm   |   |   |   | 19 mm   |   |   |   |
| Allen screw                   | M5  |   |   |   | M6  |   |   |   | M6  |   |   |   |
| * Values according to UL 1059 |   |   |   |   |   |   |   |   |   |   |   |   |

\* Values according to UL 1059



Stranded



Solid



Flexible with ferrule



Sector shaped

B



## UL Rating data according to UL 1059

| Certificate no. (UR)  |   | XCFR2.E60693  |   |   |  |
|-----------------------|---|---|---|---|--|
| connection point A    |   |   |   |   |  |
| Input (line)          | Copper  |   | Aluminium   |   |  |
|                       |  |  |  |  |  |
| AWG 4                 | 22.1 Lb In.   | 22.1 Lb In.   | 45.1 Lb In.   | 45.1 Lb In.   |  |
| AWG 6                 |   |   |   |   |  |
| AWG 8                 |   |   |   |   |  |
| AWG 10                |   |   |   |   |  |
| AWG 12                |   |   |   |   |  |
| max. current          | 85 A  | 65 A  | 65 A  | 50 A  |  |
| Voltage size B,C (UR) | 600 V   |   |   |   |  |

| output (load)         | connection point 1/2/3  |   |   |   | connection point 4/5  |   |   |   | connection point B  |   |   |   |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|
|                       | Copper  |   | Aluminium   |   | Copper  |   | Aluminium   |   | Copper  |   | Aluminium   |   |
|                       |  |  |  |  |  |  |  |  |  |  |  |  |
| AWG 4                 | 22.1 Lb In.   | 22.1 Lb In.   | 45.1 Lb In.   | 22.1 Lb In.   | 22.1 Lb In.   | 22.1 Lb In.   | 45.1 Lb In.   | 45.1 Lb In.   | 22.1 Lb In.   | 22.1 Lb In.   | 45.1 Lb In.   | 22.1 Lb In.   |
| AWG 6                 |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG 8                 |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG 10                |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG 12                |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG 14                |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG 16                |   |   |   |   |   |   |   |   |   |   |   |   |
| max. current          | 65 A  | 50 A  | 50 A  |   | 85 A  | 65 A  | 65 A  | 50 A  | 65 A  | 50 A  | 50 A  |   |
| Voltage size B,C (UR) | 600 V   |   |   |   |   |   |   |   |   |   |   |   |



Mehrdrähtig



Eindrähtig



Feindrähtig mit Aderendhülse

## CSA-Bemessungsdaten nach CSA 22.2 Nr. 158

| Certificate No. (CSA)   |         | 269832    |         |        |  |
|-------------------------|---------|-----------|---------|--------|--|
|                         | Input   | Output    |         |        |  |
|                         | CP* A   | CP* 1/2/3 | CP* 4/5 | CP* B  |  |
| AWG 4                   | 2,5 Nm. |           |         |        |  |
| AWG 6                   |         |           |         |        |  |
| AWG 8                   |         | 2,5 Nm    | 2,5 Nm  | 2,5 Nm |  |
| AWG 10                  |         |           |         |        |  |
| AWG 12                  |         |           |         |        |  |
| AWG 14                  |         |           |         |        |  |
| AWG 16                  |         |           |         |        |  |
| max. current            | 85 A    | 50 A      | 50 A    | 65 A   |  |
| Voltage size C (CSA)    | 600 V   |           |         |        |  |
| * CP - connection point |         |           |         |        |  |

B

