

**WPD 111 1X95/4X35 GY**

**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, Light Grey, 95 mm <sup>2</sup> , 232 A, 1000 V, Number of connections: 5, Number of levels: 1 |
| Order No.  | <a href="#">2603790000</a>  |
| Type       | WPD 111 1X95/4X35 GY  |
| GTIN (EAN) | 4050118681284   |
| Qty.       | 1 pc(s).  |

Creation date June 12, 2025 11:17:26 AM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

## WPD 111 1X95/4X35 GY

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## Technical data

### Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 69.4 mm | Depth (inches)  | 2.732 inch |
| Height     | 105 mm  | Height (inches) | 4.134 inch |
| Width      | 36.6 mm | Width (inches)  | 1.441 inch |
| Net weight | 240 g   |                 |            |

### Temperatures

|                                  |                |                                  |               |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -5 °C...40 °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                | 1                     | Number of levels                  | 1  |
| Number of clamping points per level | 5                     | Levels cross-connected internally | No |
| Rail                                | TS 35, Mounting plate | 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                   | Snap-on             | Yes                            |
| Type of mounting         | Snap-on, Direct mounting |                     |                                |

### Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

### Conductors for clamping (rated connection)

|   |                    |  |                     |
|---|--------------------|--|---------------------|
| Clamping range, max.  | 95 mm <sup>2</sup> | Clamping range, min.                                 | 2.5 mm <sup>2</sup> |
| Connection cross-section, stranded, max.  | 95 mm <sup>2</sup> | Connection direction                                 | on side             |
| Number of connections   | 5                  | Type of connection                                   | Screw connection    |
| Type of connection 2  | Screw connection   | Wire connection cross section AWG, max.              | AWG 4/0             |
| Wire connection cross section AWG, min.   | AWG 8              | Wire connection cross section, finely stranded, max. | 0 mm <sup>2</sup>   |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 70 mm <sup>2</sup> | Wire connection cross-section, solid core, max.      | 95 mm <sup>2</sup>  |

### General

|   |                                |   |               |
|---|--------------------------------|---|---------------|
| Installation advice                     | Terminal rail / mounting plate | Number of poles                         | 1             |
| Rail                                    | TS 35, Mounting plate          | Standards                               | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 4/0                        | Wire connection cross section AWG, min. | AWG 8         |

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## Technical data

## Rating data

|                     |                    |                                 |         |
|---------------------|--------------------|---------------------------------|---------|
| Rated cross-section | 95 mm <sup>2</sup> | Rated voltage                   | 1,000 V |
| Rated AC voltage    | 1,000 V            | Rated DC voltage                | 1,500 V |
| Rated current       | 232 A              | Current at maximum wires        | 232 A   |
| Standards           | IEC 60947-7-1      | Rated impulse withstand voltage | 8 kV    |
| Pollution severity  | 3                  | Surge voltage category          | III     |

## UL rating data

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

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | EC000897    | ETIM 9.0    | EC000897    |
| ETIM 10.0   | 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 |
| ECLASS 15.0 | 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



|                         |   |
|-------------------------|---|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/</a> |
| ROHS                    | Conform   |
| UL File Number Search   | UL Website  |
| Certificate No. (cURus) | E60693  |
| Certificate no. (cULus) | E511333   |

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**Technical data****Downloads**

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|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">CB Certificate</a><br><a href="#">VDE Certificate</a><br><a href="#">UL certificate</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="#">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>   |

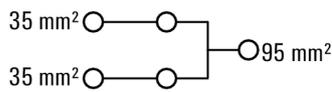
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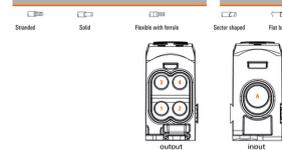
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Drawings



Conductor connection data according to IEC 60947-1 (Cu)

| Input            | connection point A |       | Output           | connection point A |       |
|------------------|--------------------|-------|------------------|--------------------|-------|
|                  | Copper             |       |                  | Copper             |       |
| 1x 35 mm²        | □ 200              | □ 200 | 1x 35 mm²        | □ 200              | □ 200 |
| 35 mm²           |                    |       | 25 mm²           |                    |       |
| 18 mm²           |                    |       | 16 mm²           |                    |       |
| 50 mm²           |                    |       | 10 mm²           |                    |       |
| 14 Nm            |                    |       | 6 mm²            |                    |       |
| 35 mm²           |                    |       | 4 mm²            |                    |       |
| 25 mm²           |                    |       | 2.5 mm²          |                    |       |
| 18 mm²           |                    |       |                  |                    |       |
| 10 mm²           |                    |       |                  |                    |       |
| Stripping length | 27 mm              |       | Stripping length | 18 mm              |       |
| Alarm contact    | NO/NC              |       | Alarm contact    | NO                 |       |



Conductor connection data according to IEC 60947-1 (Cu)

| Input point | connection point A |            | Output   | connection point A |           |
|-------------|--------------------|------------|----------|--------------------|-----------|
|             | Copper             |            |          | Copper             |           |
| JADC 1/0    | □ 200              | □ 200      | JADC 1   | □ 200              | □ 200     |
| JADC 1/0    |                    |            | JADC 2   |                    |           |
| JADC 1/0    |                    |            | JADC 3   | 124.83 Nm          | 124.83 Nm |
| JADC 1      |                    |            | JADC 4   | 124.83 Nm          | 124.83 Nm |
| JADC 1      | 200 (3) Nm         | 200 (3) Nm | JADC 5   |                    |           |
| JADC 2      |                    |            | JADC 6   |                    |           |
| JADC 3      |                    |            | JADC 7   |                    |           |
| JADC 4      |                    |            | JADC 8   |                    |           |
| JADC 5      |                    |            | JADC 9   |                    |           |
| JADC 6      |                    |            | JADC 10  |                    |           |
| JADC 7      |                    |            | JADC 11  |                    |           |
| JADC 8      |                    |            | JADC 12  |                    |           |
| JADC 9      |                    |            | JADC 13  |                    |           |
| JADC 10     |                    |            | JADC 14  |                    |           |
| JADC 11     |                    |            | JADC 15  |                    |           |
| JADC 12     |                    |            | JADC 16  |                    |           |
| JADC 13     |                    |            | JADC 17  |                    |           |
| JADC 14     |                    |            | JADC 18  |                    |           |
| JADC 15     |                    |            | JADC 19  |                    |           |
| JADC 16     |                    |            | JADC 20  |                    |           |
| JADC 17     |                    |            | JADC 21  |                    |           |
| JADC 18     |                    |            | JADC 22  |                    |           |
| JADC 19     |                    |            | JADC 23  |                    |           |
| JADC 20     |                    |            | JADC 24  |                    |           |
| JADC 21     |                    |            | JADC 25  |                    |           |
| JADC 22     |                    |            | JADC 26  |                    |           |
| JADC 23     |                    |            | JADC 27  |                    |           |
| JADC 24     |                    |            | JADC 28  |                    |           |
| JADC 25     |                    |            | JADC 29  |                    |           |
| JADC 26     |                    |            | JADC 30  |                    |           |
| JADC 27     |                    |            | JADC 31  |                    |           |
| JADC 28     |                    |            | JADC 32  |                    |           |
| JADC 29     |                    |            | JADC 33  |                    |           |
| JADC 30     |                    |            | JADC 34  |                    |           |
| JADC 31     |                    |            | JADC 35  |                    |           |
| JADC 32     |                    |            | JADC 36  |                    |           |
| JADC 33     |                    |            | JADC 37  |                    |           |
| JADC 34     |                    |            | JADC 38  |                    |           |
| JADC 35     |                    |            | JADC 39  |                    |           |
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| JADC 37     |                    |            | JADC 41  |                    |           |
| JADC 38     |                    |            | JADC 42  |                    |           |
| JADC 39     |                    |            | JADC 43  |                    |           |
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| JADC 207    |                    |            | JADC 211 |                    |           |
| JADC 208    |                    |            | JADC 212 |                    |           |
| JADC 209    |                    |            | JADC 213 |                    |           |
| JADC 210    |                    |            | JADC 214 |                    |           |
| JADC 211    |                    |            | JADC 215 |                    |           |
| JADC 212    |                    |            | JADC 216 |                    |           |
| JADC 213    |                    |            | JADC 217 |                    |           |
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| JADC 216    |                    |            | JADC 220 |                    |           |
| JADC 217    |                    |            | JADC 221 |                    |           |
| JADC 218    |                    |            | JADC 222 |                    |           |
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| JADC 220    |                    |            | JADC 224 |                    |           |
| JADC 221    |                    |            | JADC 225 |                    |           |
| JADC 222    |                    |            | JADC 226 |                    |           |
| JADC 223    |                    |            | JADC 227 |                    |           |
| JADC 224    |                    |            | JADC 228 |                    |           |
| JADC 225    |                    |            | JADC 229 |                    |           |
|             |                    |            |          |                    |           |

**Power distribution**  
**Screw connection**

**W-Series**  
**WPD 111 1X95/4X35 GY**



**WPD 111** 95 mm<sup>2</sup>



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

|                   |  |
|-------------------|--|
| 36.6 / 69.4 / 105 |  |
| 232 / 95          |  |
| 2.5...95          |  |

**Technical data**

| Rated data   |                    |                 |
|--|--------------------|-----------------|
| Rated voltage  | V                  |                 |
| Rated current  | A                  |                 |
| for wire cross-section                               | 95 mm <sup>2</sup> | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity | 8 kV / 3           |                 |
| Overvoltage category / UL 94 flammability rating     | III / V-0          |                 |
| Approvals  |                    |                 |
| Clamped conductors (H05V/H07V)                       |                    |                 |
| Solid / Stranded                                     | 95 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 35 mm <sup>2</sup> | mm <sup>2</sup> |
| Flexible with ferrule                                | 95 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 35 mm <sup>2</sup> | mm <sup>2</sup> |
| Stripping length / Blade size                        | 95 mm <sup>2</sup> | mm/-            |
|  | 35 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 | 1000      |     |            |
| 232  | 230       |     |            |
| 95   | AWG 4/0   |     |            |
|      | 8 kV / 3  |     |            |
|      | III / V-0 |     |            |

**Bemessungsanschluss**

|  |
|--|
| 16...95 / 16...95                      |
| 4...35 / 4...35                        |
| 10...70                                |
| 2.5...25                               |
| 21 / M12                               |
| 16 / M8                                |
| see appendix at the end of the chapter |



**B**

**Ordering data**

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

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| WPD 111 1X95/4X35 GY | 1    | 2603790000 |
| WPD 111 1X95/4X35 BL | 1    | 2603800000 |
| WPD 111 1X95/4X35 RD | 1    | 2730310000 |
| WPD 111 1X95/4X35 BK | 1    | 2730320000 |

**Accessories**

| End bracket |  |
|-------------|--|
| dark beige  |  |
| dark beige  |  |
| Screwdriver |  |
| SET         |  |

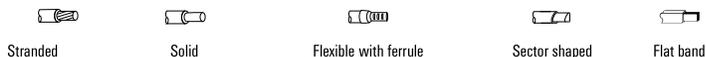
| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WEW 35/2          | 100  | 1061200000 |
| AEB 35 SC/1       | 50   | 1991920000 |
| SDK PZ2 X 100     | 1    | 2749450000 |
| SK WSD-S 1,5-10,0 | 1    | 9008850000 |



Conductor connection data according to IEC 60947-7-1

| connection point A     |   |   |
|------------------------|---|---|
| Copper                 |   |   |
| 1 x 95 mm <sup>2</sup> |  |  |
| 95 mm <sup>2</sup>     | 14 Nm   | 14 Nm   |
| 70 mm <sup>2</sup>     |   |   |
| 50 mm <sup>2</sup>     |   |   |
| 35 mm <sup>2</sup>     |   |   |
| 25 mm <sup>2</sup>     |   |   |
| 16 mm <sup>2</sup>     |   |   |
| 10 mm <sup>2</sup>     |   |   |
| Stripping lengths      | 21 mm   |   |
| Allen screw            | M12   |   |

| connection point A     |  |   |
|------------------------|--|---|
| Copper                 |  |   |
| 1 x 35 mm <sup>2</sup> |  |  |
| 35 mm <sup>2</sup>     | 6 Nm   | 6 Nm  |
| 25 mm <sup>2</sup>     |  |   |
| 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>    |  |   |
| Stripping lengths      | 16 mm  |   |
| Allen screw            | M8   |   |



UL Rating data according to UL 1059

| Certificate no. (UR)      XCFR2.E60693 |   |   |   |   |
|--|---|---|---|---|
| connection point A                     |   |   |   |   |
| Input (line)                           | Copper  |   | Aluminium   |   |
|  |  |  |  |  |
| AWG 4/0                                | 200 Lb In.  | 200 Lb In.  | 200 Lb In.  | 200 Lb In.  |
| AWG 3/0                                |   |   |   |   |
| AWG 2/0                                |   |   |   |   |
| AWG 1/0                                |   |   |   |   |
| AWG 1                                  |   |   |   |   |
| AWG 2                                  |   |   |   |   |
| AWG 3                                  |   |   |   |   |
| AWG 4                                  |   |   |   |   |
| AWG 6                                  |   |   |   |   |
| AWG 8                                  |   |   |   |   |
| max. current                           | 230 A   | 200 A   | 180 A   | 155 A   |
| Voltage size B,C (UR)                  | 1000 V  |   |   |   |

| connection point 1 / 2 / 3 / 4 |   |   |   |   |
|--------------------------------|---|---|---|---|
| Output                         | Copper  |   | Aluminium   |   |
|                                |  |  |  |  |
| AWG 2                          | 124.8 Lb In.  | 124.8 Lb In.  | 124.8 Lb In.  | 124.8 Lb In.  |
| AWG 3                          |   |   |   |   |
| AWG 4                          |   |   |   |   |
| AWG 6                          |   |   |   |   |
| AWG 8                          |   |   |   |   |
| AWG 10                         |   |   |   |   |
| AWG 12                         |   |   |   |   |
| AWG 14                         |   |   |   |   |
| max. current                   | 115 A   | 100 A   | 90 A  | 75 A  |
| Voltage size B,C (UR)          | 1000 V  |   |   |   |

