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**W-Series**  
**WPD 301 2X25/2X16 3XGY**

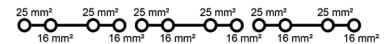


**General ordering data**

|            |   |
|------------|---|
| Type       | WPD 301 2X25/2X16 3XGY  |
| Order No.  | <a href="#">1561130000</a>  |
| Version    | W-Series, Distribution block, Rated cross-section: 2x25 /1x16 mm <sup>2</sup> , Terminal rail |
| GTIN (EAN) | 4050118384871   |
| Qty.       | 2 pc(s)   |

**Colour types**

|                 |            |
|-----------------|------------|
| GY (light grey) | 1561130000 |
|                 |            |
|                 |            |
|                 |            |
|                 |            |



**Dimensions and weights**

|            |                      |
|------------|----------------------|
| Width      | 53.4 mm (2.102 inch) |
| Height     | 55.7 mm (2.193 inch) |
| Depth      | 49.3 mm (1.941 inch) |
| Net weight | 204 g                |

**Material data and temperatures**

|                                 |                   |
|---------------------------------|-------------------|
| Material body                   | brass (CUZn39Pb2) |
| Material housing                | PA (Halogen-free) |
| UL 94 flammability rating       | V-0               |
| Continuous operating temp. area | -50 °C - 120 °C   |

**Rating data**

|                                       |  |
|---------------------------------------|--|
| Rated cross-section                   | 25 / 16 mm <sup>2</sup>  |
| Rated AC voltage                      | 1,000 V AC   |
| Rated current - CU                    | 152 A (2x16 mm <sup>2</sup> /<br>101 A (1x25 mm <sup>2</sup> ) |
| Standards                             | IEC 60947-7-1  |
| Pollution severity                    | 3  |
| Power loss according to IEC 60947-7-x | on request   |

|   |                               |
|---|-------------------------------|
| Rated voltage                                 | 1,000 V                       |
| Rated AC voltage                              | 1,000 V DC                    |
| Rated current - Al                            | 100 A (1x25 mm <sup>2</sup> ) |
| Rated impulse withstand voltage               | 8 kv                          |
| Surge voltage category                        | III                           |
| Contact resistance according to IEC 60947-7-x | on request                    |

**UL rating data ording to UL 1059**

|                            |  |                       |
|----------------------------|--|-----------------------|
| Certificate No. (UR)       | <a href="#">XCFR2.E60693</a>                   |                       |
| Coltage size B,C (UR) - CU | 600 V  |                       |
|                            | Current size B,C (UR) - CU / Tightening torque |                       |
|                            | line   | load                  |
| AWG 4                      | 85 A /<br>22.1 Lb In.                          | 65 A /<br>22.1 Lb In. |
| AWG 6                      |  |                       |
| AWG 8                      |  |                       |
| AWG 10                     |  |                       |
| AWG 12                     |  |                       |
| AWG 14                     |  |                       |
| AWG16                      |  |                       |

|                            |  |                  |
|----------------------------|--|------------------|
| Voltage size B,C (UR) - AL | 600 V  |                  |
|                            | Current size B,C (UR) - AL / Tightening torque |                  |
|                            | line   | load             |
| AWG 4                      | 65 A / 35 Lb In.                               |                  |
| AWG 6                      | 50 A / 35 Lb In.                               | 50 A / 35 Lb In. |
| AWG 8                      |  |                  |
| AWG 10                     |  |                  |
| AWG 12                     |  |                  |
| AWG 14                     |  |                  |
| AWG 16                     |  |                  |

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**CSA rating data according to CSA 22.2 No. 158**

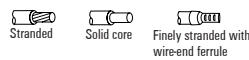
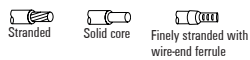
|                          |   |                  |
|--------------------------|---|------------------|
| Certificate No. (cURus)  | <a href="#">XCFR8.E60693</a>                      |                  |
| Voltage size B,C (cURus) | 600 V   |                  |
|                          | Current size B,C (cURus) - CU / Tightening torque |                  |
|                          | line  | load             |
| AWG 4                    | 90 A /<br>2.5 Nm                                  | 65 A /<br>2.1 Nm |
| AWG 6                    |   |                  |
| AWG 8                    |   |                  |
| AWG 10                   |   |                  |
| AWG 12                   |   |                  |
| AWG 14                   |   |                  |
| AWG 16                   |   |                  |

|                             |   |             |
|-----------------------------|---|-------------|
| Voltage size C (cURus) - Al | 600 V   |             |
|                             | Current size B,C (cURus) - AL / Tightening torque |             |
|                             | line  | load        |
| AWG 4                       | 65 A / 4 Nm                                       |             |
| AWG 6                       | 50 A / 4 Nm                                       | 65 A / 4 Nm |
| AWG 8                       |   |             |
| AWG 10                      |   |             |
| AWG 12                      |   |             |
| AWG 14                      |   |             |
| AWG 16                      |   |             |

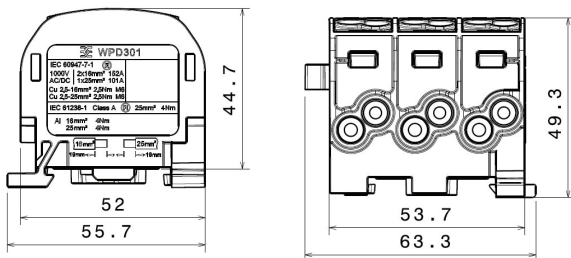
**Conductor connection data according to VDE 0603-2 (Cu), IEC 61238-1 Class A (Al)**

| Input (x2) / Output (x2)               | Copper       | Aluminium |  |
|--|--------------|-----------|--|
| 2x35 mm <sup>2</sup> (round conductor) |              |           |  |
| 25 mm <sup>2</sup>                     | 3.5 Nm       | 4 Nm      |  |
| 16 mm <sup>2</sup>                     |              | 3.5 Nm    |  |
| 10 mm <sup>2</sup>                     |              |           |  |
| 6 mm <sup>2</sup>                      |              |           |  |
| 4 mm <sup>2</sup>                      |              |           |  |
| 2.5 mm <sup>2</sup>                    |              |           |  |
| Stripping lengths                      | 19 mm        |           |  |
| screw                                  | M6 (+/- PZ2) |           |  |

| Input (x2) / Output (x2)               | Copper       | Aluminium |  |
|--|--------------|-----------|--|
| 2x16 mm <sup>2</sup> (round conductor) |              |           |  |
| 35 mm <sup>2</sup>                     | 2.5 Nm       | 4 Nm      |  |
| 25 mm <sup>2</sup>                     |              | 2.5 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>                    |              |           |  |
| Stripping lengths                      | 19 mm        |           |  |
| screw                                  | M6 (+/- PZ2) |           |  |



**Drawings**



**WPD x01**

