# W-Series
# WPD 330 3X50/3X50 3XGY

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
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## Product image



**Klippon® Connect with clamping yoke Technology**
The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

## General ordering data

| | |
|---|---|
| Type | WPD 330 3X50/3X50 3XGY |
| Order No. | 2502620000 |
| Version | W-Series, Distribution block, Rated cross-section: 50 mm², Terminal rail / mounting plate |
| GTIN (EAN) | 4050118516449 |
| Qty. | 3 pc(s). |

Weidmüller

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## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Width | 56.6 mm | Width (inches) | 2.228 inch |
| Height | 70 mm | Height (inches) | 2.756 inch |
| Depth | 45 mm | Depth (inches) | 1.772 inch |
| Net weight | 104 g | | |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature, max. | 40 °C | Storage temperature, min. | 10 °C |
| Storage temperature | 10 °C...40 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C | | |

### Material data

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

### System specifications

| | | | |
|---|---|---|---|
| Version | Screw connection | Tightening torque (clamping screw for aluminium conductors) | 10 Nm (16 mm²) / 12 Nm (25 mm²) / 14 Nm (35 mm²) / 14 Nm (50 mm²) |
| Tightening torque (clamping screw for copper conductors) | 6 Nm (4 mm²) / 8 Nm (16 mm²) / 10 Nm (35 mm²) / 10 Nm (50 mm²) | End cover plate required | No |
| Number of potentials | 3 | Number of levels | 1 |
| No. of clamping points per level | 6 | Levels cross-connected internally | No |

### Additional technical data

| | | | |
|---|---|---|---|
| Installation advice | Terminal rail / mounting plate | Type of mounting | Snap-on |

### Rating data

| | | | |
|---|---|---|---|
| Rated cross-section | 50 mm² | Rated voltage | 1,000 V |
| Rated AC voltage | 1,000 V AC | Rated DC voltage | 1,000 V DC |
| Rated current | 120 A | Standards | IEC 60947-7-1, UL 1059, CSA |
| Rated impulse withstand voltage | 8 kV | Pollution severity | 3 |
| Surge voltage category | III | | |

### UL rating data

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

### Classifications

| | | | |
|---|---|---|---|
| ETIM 5.0 | EC001329 | ETIM 6.0 | EC000897 |
| eClass 6.2 | 27-14-11-20 | eClass 7.1 | 27-14-11-20 |
| eClass 8.1 | 27-14-11-20 | eClass 9.0 | 27-14-11-20 |
| eClass 9.1 | 27-14-11-20 | | |

### Product information

| | |
|---|---|
| Product information | You will find additional information in the downloadsection of the onlinecatalogue |

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## Technical data

### Approvals

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

### Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | CE declaration |
| Engineering Data | STEP |
| User Documentation | Additional Datasheet |

### Safety note

| | |
|---|---|
| Safety notice | Safety Information |

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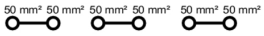
## Drawings



# Technical data

IEC 60947-7-1, UL 1059, CSA

| Inputs | top | mid./left | mid./mid. | mid./right | bottom |
|---|---|---|---|---|---|
| Number of connections | | | 3 | | |
| Solid | | | 6...10mm² | | |
| Stranded | | | 10...50mm² | | |
| Flexible with ferrule | | | 4...35mm² | | |
| Ribbon cable | | | | | |
| Torque | | | 10Nm | | |
| Clamping screw | | | M 10 | | |
| Stripping length | | | 16mm | | |

| Outputs | top | mid./left | mid./mid. | mid./right | bottom |
|---|---|---|---|---|---|
| Number of connections | | | 2 | | |
| Solid | | | 6...10mm² | | |
| Stranded | | | 10...50mm² | | |
| Flexible with ferrule | | | 4...35mm² | | |
| Torque | | | 10Nm | | |
| Clamping screw | | | M 10 | | |
| Stripping length | | | 16mm | | |

| | |
|---|---|
| Poles | 1 |

| Note |
|---|
| Rated current with Cu conductors: 150 A |