

**WPD 330 3X50/3X50 3XGY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

Klippon® Connect power feed-in terminal blocks WPD allow for an easy and safe installation of aluminium and copper conductors on a small footprint. A power supply or monitoring connection can also be used as an option. Customers can use the power feed-in terminal blocks WPD, regardless of the conductor material. They can be mounted either directly or on DIN rail TS35.

**General ordering data**

|            |   |
|------------|---|
| Version    | Potential distributor terminal, Screw connection, Light Grey, 50 mm <sup>2</sup> , 150 A, 1000 V, Number of connections: 6, Number of levels: 1 |
| Order No.  | <a href="#">2502620000</a>  |
| Type       | WPD 330 3X50/3X50 3XGY  |
| GTIN (EAN) | 4050118516449   |
| Qty.       | 3 items   |

## WPD 330 3X50/3X50 3XGY

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

www.weidmueller.com

## Technical data

## Approvals

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate No. (cURus) | E60693                     |

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 45 mm   | Depth (inches)  | 1.7716 inch |
| Height     | 70 mm   | Height (inches) | 2.7559 inch |
| Width      | 56.6 mm | Width (inches)  | 2.2283 inch |
| Net weight | 104 g   |                 |             |

## Temperatures

|                                  |                |                                  |                |
|----------------------------------|----------------|----------------------------------|----------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -50 °C...75 °C |
| Continuous operating temp., min. | -50 °C         | Continuous operating temp., max. | 120 °C         |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Material data

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

## Rating data IECEx/ATEX

|                                |                    |                         |                  |
|--------------------------------|--------------------|-------------------------|------------------|
| Certificate No. (ATEX)         | CNEX18ATEX0016U    | Certificate No. (IECEX) | IECEXNEX18.0010U |
| Max. voltage (ATEX)            | 880 V              | Current (ATEX)          | 150 A            |
| Wire cross section max. (ATEX) | 50 mm <sup>2</sup> | Max. voltage (IECEX)    | 880 V            |
| Current (IECEX)                | 150 A              |                         |                  |

## 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                | Levels cross-connected internally | No    |
| PE connection                       | No               | Mounting rail                     | TS 35 |
| PE function                         | No               |                                   |       |

## Additional technical data

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

**WPD 330 3X50/3X50 3XGY**

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

www.weidmueller.com

**Technical data**

**Conductors for clamping (additional connection)**

Connection type, additional connection Screw connection

**Conductors for clamping (rated connection)**

|   |                   |   |                    |
|---|-------------------|---|--------------------|
| Wire connection cross section AWG, max.   | AWG 1/0           | Connection direction  | on side            |
| Type of connection 2  | Screw connection  | Type of connection  | Screw connection   |
| Number of connections   | 6                 | Clamping range, max.  | 50 mm <sup>2</sup> |
| Clamping range, min.  | 4 mm <sup>2</sup> | Wire connection cross section AWG, min.   | AWG 10             |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 4 mm <sup>2</sup> | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 35 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 4 mm <sup>2</sup> | Wire connection cross section, finely stranded, max.                                    | 50 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, min.                                    | 4 mm <sup>2</sup> | Connection cross-section, stranded, max.  | 50 mm <sup>2</sup> |
| Connection cross-section, stranded, min. 4 mm <sup>2</sup>                              |                   | Wire connection cross-section, solid core, max.   | 50 mm <sup>2</sup> |
| Wire connection cross-section, solid core, min.   | 4 mm <sup>2</sup> |   |                    |

**General**

|                     |                                |   |         |
|---------------------|--------------------------------|---|---------|
| Number of poles     | 3                              | Wire connection cross section AWG, max. | AWG 1/0 |
| Installation advice | Terminal rail / mounting plate | Wire connection cross section AWG, min. | AWG 10  |
| Standards           | IEC 60947-7-1, UL 1059, CSA    | Mounting rail                           | TS 35   |

**Rating data**

|                                 |                             |  |         |
|---------------------------------|-----------------------------|--|---------|
| Rated cross-section             | 50 mm <sup>2</sup>          | Rated voltage                                | 1000 V  |
| Rated AC voltage                | 1000 V                      | Rated DC voltage                             | 1000 V  |
| Nominal current                 | 150 A                       | Current at maximum wires                     | 150 A   |
| Standards                       | IEC 60947-7-1, UL 1059, CSA | Volume resistance according to IEC 60947-7-x | 0.21 mΩ |
| Rated impulse withstand voltage | 8 kV                        | Power loss in accordance with IEC 60947-7-x  | 4.80 W  |
| Surge voltage category          | III                         | Pollution severity                           | 3       |

**UL rating data**

Certificate No. (cURus) E60693

**Important note**

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

**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 |             |             |

WPD 330 3X50/3X50 3XGY





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

Drawings

www.weidmueller.com







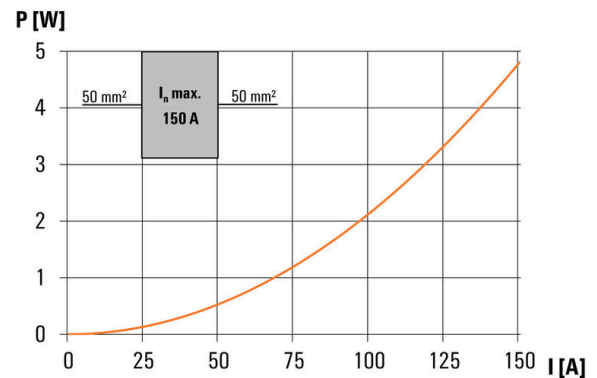
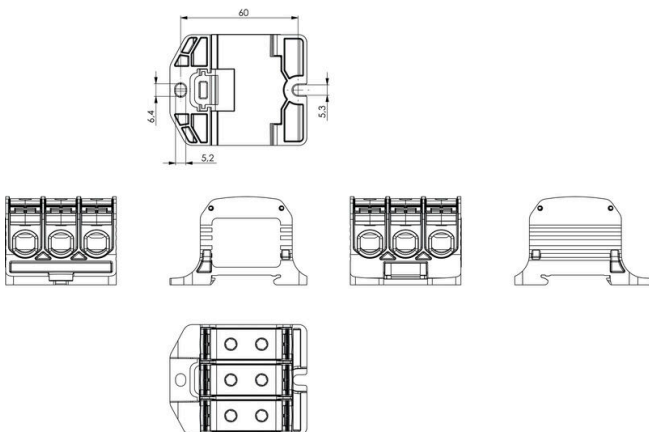
Conductor connection data according to IEC 60947-7-1 (Cu)

| Input (x1) / Output (x1)                 | Copper  |   | Aluminum  |   |
|--|---|---|---|---|
|  |  |  |  |  |
| 50 mm²                                   | 10 Nm   |   | 14 Nm   | 14 Nm   |
| 35 mm²                                   |   | 10 Nm   |   |   |
| 25 mm²                                   |   |   | 12 Nm   | 10 Nm   |
| 16 mm²                                   | 8 Nm  | 8 Nm  | 10 Nm   |   |
| 10 mm²                                   |   |   |   |   |
| 6 mm²                                    | 6 Nm  | 6 Nm  |   |   |
| 4 mm²                                    |   |   |   |   |
| 2.5 mm²                                  |   |   |   |   |
| max. current with 2x50 mm² (acc. to IEC) | 300 A   |   | 270 A   |   |
| Stripping lengths                        | 16 mm   |   |   |   |
| Allen screw                              | M10 (SW 5 mm)   |   |   |   |



Conductor connection data according to UL 1059 (Al+Cu)

| Input (x1) / Output (x1)                | Copper  |   | Aluminum  |   |
|---|---|---|---|---|
|   |  |  |  |  |
| AWG 1/0                                 |   |   | 123.9Lb In.   | 123.9Lb In.   |
| AWG 2                                   |   |   |   |   |
| AWG 4                                   | 123.9Lb In.   |   |   |   |
| AWG 6                                   |   | 123.9Lb In.   |   |   |
| AWG 8                                   |   |   |   |   |
| AWG 10                                  |   |   |   |   |
| AWG 12                                  |   |   |   |   |
| max. current at 1 x 50 mm² (acc. to UL) | 150 A   |   | 120 A   |   |
| Stripping lengths                       | 16 mm   |   |   |   |
| Allen screw                             | M10 (SW 5 mm)   |   |   |   |



## WPD 330 3X50/3X50 3XGY

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

www.weidmueller.com

## Accessories

### Cover



Our systems for touch protection ensure greater safety in your cabinet. They provide protection against electric shock caused by accidental contact with live parts due to operation or faults.

### General ordering data

|            |                            |         |                              |
|------------|----------------------------|---------|------------------------------|
| Type       | WPDPC X30 GY               | Version |                              |
| Order No.  | <a href="#">2503330000</a> | Version | Cover hood (terminal), Wemid |
| GTIN (EAN) | 4050118533323              |         |                              |
| Qty.       | 54 ST                      |         |                              |

### Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
  - Strips for fast installation
  - Terminal markers, suitable for all Weidmüller cable connectors
  - Available as blank MultiCard or with standard printing
- For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

### General ordering data

|            |                            |         |   |
|------------|----------------------------|---------|---|
| Type       | DEK 5/5 MC NE WS           | Version |   |
| Order No.  | <a href="#">1609801044</a> | Version | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 |
| GTIN (EAN) | 4008190397111              |         | Weidmueller, white  |
| Qty.       | 1000 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.



## WPD 330 3X50/3X50 3XGY

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

www.weidmueller.com

## Accessories

### General ordering data

|            |                            |                 |
|------------|----------------------------|-----------------|
| Type       | SK WSD-S 1,5-10,0          | Version         |
| Order No.  | <a href="#">9008850000</a> | Mounting tool   |
| GTIN (EAN) | 4032248266609              |                 |
| Qty.       | 1 ST                       |                 |
| Type       | SKS 2,0-8,0 MR             | Version         |
| Order No.  | <a href="#">9008870000</a> | socket wrenches |
| GTIN (EAN) | 4032248266623              |                 |
| Qty.       | 1 ST                       |                 |

### Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

### General ordering data

|            |                            |                            |
|------------|----------------------------|----------------------------|
| Type       | BZT 1 WS 10/5              | Version                    |
| Order No.  | <a href="#">1805490000</a> | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231              |                            |
| Qty.       | 100 ST                     |                            |
| Type       | BZT 1 ZA WS 10/5           | Version                    |
| Order No.  | <a href="#">1805520000</a> | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248              |                            |
| Qty.       | 100 ST                     |                            |