

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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, black, 50 mm², 150 A, 1000 V, Number of connections: 6, Number of levels: 1 |
| Order No. | 2874520000 |
| Type | WPD 330CC 3X50/3X50 BK |
| GTIN (EAN) | 4064675648444 |
| Qty. | 3 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 45 mm | Depth (inches) | 1.7716 inch |
| Height | 72 mm | Height (inches) | 2.8346 inch |
| Width | 51.2 mm | Width (inches) | 2.0157 inch |
| Net weight | 76 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °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 | black |
| 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 | 6 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | Mounting rail | TS 35, Mounting plate |
| N-function | No | PE function | No |
| PEN function | No | | |

Additional technical data

| | | | |
|--------------------------|--------|------------------|---------|
| Open sides | closed | Snap-on | Yes |
| Explosion-tested version | No | Type of mounting | Snap-on |

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 |
| Stripping length | 16 mm | Type of connection 2 | Screw connection |
| Type of connection | Screw connection | Number of connections | 6 |
| Clamping range, max. | 50 mm ² | Clamping range, min. | 2.5 mm ² |

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| | | | |
|---|---------------------|---|--------------------|
| Clamping screw | M 10 | Wire connection cross section AWG, min. | AWG 10 |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 35 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 2.5 mm ² | Wire connection cross section, finely stranded, max. | 50 mm ² |
| Wire connection cross section, finely stranded, min. | 2.5 mm ² | Connection cross-section, stranded, max. | 50 mm ² |
| Connection cross-section, stranded, min. 2.5 mm ² | | Wire connection cross-section, solid core, max. | 50 mm ² |
| Wire connection cross-section, solid core, min. | 2.5 mm ² | | |

General

| | | | |
|---|-----------------------|---|---------------|
| Number of poles | 1 | Wire connection cross section AWG, max. | AWG 1/0 |
| Wire connection cross section AWG, min. | AWG 10 | Standards | IEC 60947-7-1 |
| Mounting rail | TS 35, Mounting plate | | |

Rating data

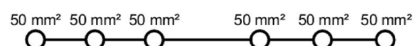
| | | | |
|---------------------------------|--------------------|--|---------|
| Rated cross-section | 50 mm ² | Rated voltage | 1000 V |
| Rated AC voltage | 1000 V | Rated DC voltage | 1000 V |
| Nominal current | 150 A | Current at maximum wires | 150 A |
| Standards | IEC 60947-7-1 | Volume resistance 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 |
|-------------------------|--------|

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 | | |











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

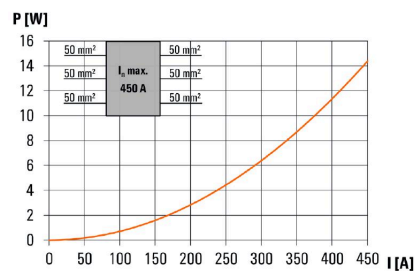
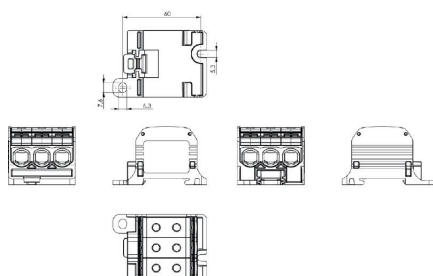
| Input (x1) / Output (x1) | Copper | | Aluminum | |
|---|---|---|---|---|
| |  |  |  |  |
| 50 mm² | | | | |
| 35 mm² | 10 Nm | 10 Nm | 14 Nm | 14 Nm |
| 25 mm² | | | 12 Nm | 10 Nm |
| 16 mm² | 8 Nm | 8 Nm | 10 Nm | 10 Nm |
| 10 mm² | | | | |
| 6 mm² | | | | |
| 4 mm² | 6 Nm | 6 Nm | | |
| 2.5 mm² |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

 Stranded  Solid  Flexible with ferrule  Sector shaped

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

| Copper | | | | | Aluminum | |
|---|---|---|---|---|---------------|--|
| Input (x1) / Output (x1) |  |  |  |  | | |
| AWG 1/0 | | | | 123.Slb In. | 123.Slb In. | |
| AWG 2 | | | | | | |
| AWG 4 | 123.Slb In. | 123.Slb In. | | | | |
| AWG 6 | | | | | | |
| 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) | | | |
|     | | | | | | |
| Stranded | Solid | | Flexible with ferrule | | Sector shaped | |

 Stranded  Solid  Flexible with ferrule  Sector shaped



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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. | 2503330000 | 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. | 1609801044 | 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.

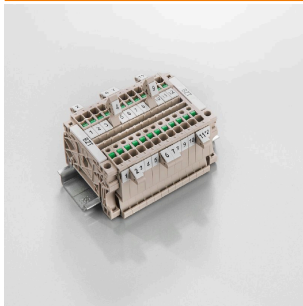
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Accessories
General ordering data

| | | |
|------------|----------------------------|-----------------|
| Type | SK WSD-S 1,5-10,0 | Version |
| Order No. | 9008850000 | Mounting tool |
| GTIN (EAN) | 4032248266609 | |
| Qty. | 1 ST | |
| Type | SKS 2,0-8,0 MR | Version |
| Order No. | 9008870000 | 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. | 1805490000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231 | |
| Qty. | 100 ST | |
| Type | BZT 1 ZA WS 10/5 | Version |
| Order No. | 1805520000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248 | |
| Qty. | 100 ST | |