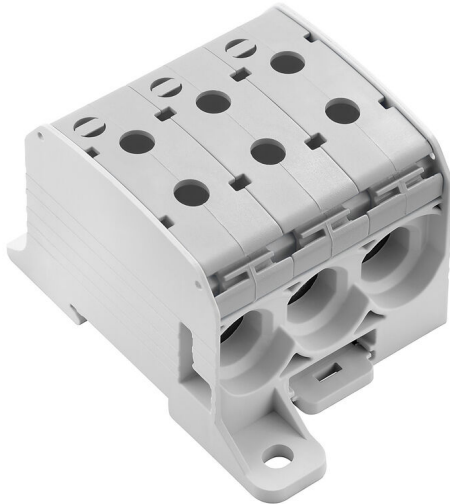


**WPD 331CC 3X95/3X95 GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, Light Grey, 95 mm <sup>2</sup> , 232 A, 1000 V, Number of connections: 6, Number of levels: 1 |
| Order No.  | <a href="#">2874560000</a>                                                                                                                      |
| Type       | WPD 331CC 3X95/3X95 GY                                                                                                                          |
| GTIN (EAN) | 4064675648482                                                                                                                                   |
| Qty.       | 1 items                                                                                                                                         |

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## Technical data

## Approvals

Approvals



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

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 57 mm   | Depth (inches)  | 2.2441 inch |
| Height     | 95 mm   | Height (inches) | 3.7401 inch |
| Width      | 68.6 mm | Width (inches)  | 2.7008 inch |
| Net weight | 76 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   |        |            |

## 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 3/0            | Connection direction  | on side            |
| Stripping length                        | 26 mm              | Type of connection 2  | Screw connection   |
| Type of connection                      | Screw connection   | Number of connections | 6                  |
| Clamping range, max.                    | 95 mm <sup>2</sup> | Clamping range, min.  | 10 mm <sup>2</sup> |

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## Technical data

|                                                                                         |                    |                                                                                         |                    |
|-----------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------|--------------------|
| Clamping screw                                                                          | M 14               | Wire connection cross section AWG, min.                                                 | AWG 16             |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 10 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, finely stranded with wire-end ferrules DIN 46228/1, min. | 10 mm <sup>2</sup> | Wire connection cross section, finely stranded, max.                                    | 95 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, min.                                    | 10 mm <sup>2</sup> | Connection cross-section, stranded, max.                                                | 95 mm <sup>2</sup> |
| Connection cross-section, stranded, min. 10 mm <sup>2</sup>                             |                    | Wire connection cross-section, solid core, max.                                         | 95 mm <sup>2</sup> |
| Wire connection cross-section, solid core, min.                                         | 10 mm <sup>2</sup> |                                                                                         |                    |

## General

|                                         |                       |                                         |               |
|-----------------------------------------|-----------------------|-----------------------------------------|---------------|
| Number of poles                         | 1                     | Wire connection cross section AWG, max. | AWG 3/0       |
| Wire connection cross section AWG, min. | AWG 16                | Standards                               | IEC 60947-7-1 |
| Mounting rail                           | TS 35, Mounting plate |                                         |               |

## Rating data

|                                         |                    |                                              |         |
|-----------------------------------------|--------------------|----------------------------------------------|---------|
| Rated cross-section                     | 95 mm <sup>2</sup> | Rated voltage                                | 1000 V  |
| Rated AC voltage                        | 1000 V             | Rated DC voltage                             | 1000 V  |
| Nominal current                         | 232 A              | Current at maximum wires                     | 232 A   |
| Standards                               | IEC 60947-7-1      | Volume resistance according to IEC 60947-7-x | 0.14 mΩ |
| Rated impulse withstand voltage         | 8 kV               | Power loss in accordance with IEC 60947-7-x  | 7.42 W  |
| Short-time withstand current resistance | 8/20μs with 50 kA  | Surge voltage category                       | III     |
| Pollution severity                      | 3                  |                                              |         |

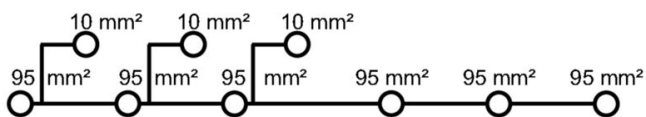
## UL rating data

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

## 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 |             |             |

## Drawings



| Conductor connection data according to IEC 60947-7-1 (Cu) |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Input (x1) / Output (x1)                                  | Copper                                                                              |                                                                                     | Aluminium                                                                           |                                                                                     |
|                                                           |  |  |  |  |
| 95 mm <sup>2</sup>                                        | 19 Ntn                                                                              | 19 Ntn                                                                              | 22,6 Ntn                                                                            | 22,6 Ntn                                                                            |
| 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>                                        | 14 Ntn                                                                              | 14 Ntn                                                                              |                                                                                     |                                                                                     |
| 10 mm <sup>2</sup>                                        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| max. current with 2 x 95 mm <sup>2</sup> (acc. to IEC)    |                                                                                     | 464 A                                                                               |                                                                                     | 200 A                                                                               |
| Stripping lengths                                         |                                                                                     | 25 mm                                                                               |                                                                                     |                                                                                     |
| Allen screw                                               |                                                                                     | M14 (SW 6 mm)                                                                       |                                                                                     |                                                                                     |

| Auxiliary connection |                                                                                     |                                                                                     |         |  |
|----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|--|
|                      | Copper                                                                              |                                                                                     |         |  |
|                      |  |  |         |  |
| 10 mm <sup>2</sup>   | 1,2 Ntn                                                                             |                                                                                     | 1,2 Ntn |  |
| 6 mm <sup>2</sup>    |                                                                                     |                                                                                     |         |  |
| 4 mm <sup>2</sup>    |                                                                                     |                                                                                     |         |  |
| 2,5 mm <sup>2</sup>  |                                                                                     |                                                                                     |         |  |
| 1,5 mm <sup>2</sup>  |                                                                                     |                                                                                     |         |  |
| max. current         | 57 A                                                                                |                                                                                     |         |  |
| Stripping lengths    | 10 mm                                                                               |                                                                                     |         |  |
| Screw                | M4 (~PZ2)                                                                           |                                                                                     |         |  |

|  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Standard                                                                            | Solid                                                                               | Flexible with female                                                                | Sector shaped                                                                       |

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

| Input (x1) / Output (x1)                | Copper                                                                              | Aluminium                                                                           |
|-----------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| AWG 5/0                                 |  |  |
| AWG 2/0                                 |  |  |
| AWG 1/0                                 |  |  |
| AWG 4                                   |  |  |
| AWG 6                                   |  |  |
| AWG 8                                   |  |  |
| max. current at 1 x 95 mm² (acc. to UL) | 200 A                                                                               | 155 A                                                                               |
| Stripping lengths                       | 20 mm                                                                               |                                                                                     |
| Allen screw                             | M14 (S1W 6 mm)                                                                      |                                                                                     |

**Auxiliary connection**

|                   | Copper                                                                              |
|-------------------|-------------------------------------------------------------------------------------|
| AWG 6             |  |
| AWG 10            |  |
| AWG 12            |  |
| AWG 14            |  |
| AWG 16            |  |
| max. current      | 57 A                                                                                |
| Stripping lengths | 10 mm                                                                               |
| screw             | M4 (+/- PZ2)                                                                        |

|  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Stranded                                                                            | Solid                                                                               | Flexible with ferrule                                                               | Sector shaped                                                                       |

