

**WPD 131 1X95/1X95 BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, blue, 95 mm <sup>2</sup> , 232 A, 1000 V, Number of levels: 1, V-0, Wemid |
| Order No.  | <a href="#">2502660000</a>                                                                                                  |
| Type       | WPD 131 1X95/1X95 BL                                                                                                        |
| GTIN (EAN) | 4050118516487                                                                                                               |
| Qty.       | 2 pc(s).                                                                                                                    |

## WPD 131 1X95/1X95 BL

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 57 mm   | Depth (inches)  | 2.244 inch |
| Height     | 93 mm   | Height (inches) | 3.661 inch |
| Width      | 25.5 mm | Width (inches)  | 1.004 inch |
| Net weight | 96 g    |                 |            |

## Temperatures

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

## Material data

|                           |       |        |      |
|---------------------------|-------|--------|------|
| Material                  | Wemid | Colour | blue |
| 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)          | 232 A            |
| Wire cross section max. (ATEX) | 95 mm <sup>2</sup> | Max. voltage (IECEX)    | 880 V            |
| Current (IECEX)                | 232 A              |                         |                  |

## System specifications

|                                     |                  |                                   |    |
|-------------------------------------|------------------|-----------------------------------|----|
| Version                             | Screw connection | End cover plate required          | No |
| Number of potentials                | 1                | Number of levels                  | 1  |
| Number of clamping points per level | 2                | Levels cross-connected internally | No |

## Additional technical data

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

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

Type of connection Screw connection

## General

|                     |                                |                 |   |
|---------------------|--------------------------------|-----------------|---|
| Installation advice | Terminal rail / mounting plate | Number of poles | 1 |
| Standards           | IEC 60947-7-1, UL 1059, CSA    |                 |   |

## WPD 131 1X95/1X95 BL

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Rating data

|                                              |                    |                                         |                             |
|----------------------------------------------|--------------------|-----------------------------------------|-----------------------------|
| Rated cross-section                          | 95 mm <sup>2</sup> | Rated voltage                           | 1,000 V                     |
| Rated AC voltage                             | 1,000 V            | Rated DC voltage                        | 1,000 V                     |
| Rated current                                | 232 A              | Standards                               | IEC 60947-7-1, UL 1059, CSA |
| 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           |
| Pollution severity                           | 3                  | Surge voltage category                  | III                         |

## UL rating data

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

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | EC000897    | ETIM 9.0    | 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 |             |             |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| REACH SVHC             | /                           |
| RoHS Compliance Status | Compliant without exemption |

## Important note

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

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E60693     |

**WPD 131 1X95/1X95 BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Downloads**

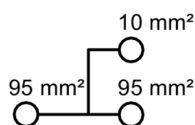
|                                             |                                                                               |
|---------------------------------------------|-------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">UKCA Ex Attestation of Conformity</a>                             |
|                                             | <a href="#">CB Certificate</a>                                                |
|                                             | <a href="#">FIMKO certificate</a>                                             |
|                                             | <a href="#">CCC Ex Certificate</a>                                            |
|                                             | <a href="#">ATEX Certificate</a>                                              |
|                                             | <a href="#">IECEx Certificate</a>                                             |
|                                             | <a href="#">DNV Certificate</a>                                               |
|                                             | <a href="#">UKCA Ex Certificate</a>                                           |
|                                             | <a href="#">LMP 23.0563U- WPD (Rev. 0)</a>                                    |
|                                             | <a href="#">CE Declaration of Conformity</a>                                  |
|                                             | <a href="#">UKCA declaration of conformity</a>                                |
| Engineering Data                            | <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>                  |
|                                             | <a href="#">CAD data – STEP</a>                                               |
| User Documentation                          | <a href="#">DATA SHEET WPD 131</a>                                            |
|                                             | <a href="#">StorageConditionsTerminalBlocks</a>                               |
|                                             | <a href="#">NTI WPD 131</a>                                                   |
|                                             | <a href="#">Manual - How to connect aluminum wires in WPD-Terminal blocks</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                      |

## WPD 131 1X95/1X95 BL

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

www.weidmueller.com

## Drawings



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

| Input (x1) / Output (x1)                   | Copper                                                                              |                                                                                     | Aluminum                                                                            |                                                                                     |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                            |  |  |  |  |
| 95 mm²                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 70 mm²                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 50 mm²                                     | 19 Nm                                                                               | 19 Nm                                                                               | 22.8 Nm                                                                             | 22.8 Nm                                                                             |
| 35 mm²                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 25 mm²                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 16 mm²                                     | 14 Nm                                                                               | 14 Nm                                                                               |                                                                                     |                                                                                     |
| 10 mm²                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| max. current with 2 x 95 mm² (acc. to IEC) | 464 A                                                                               |                                                                                     | 200 A                                                                               |                                                                                     |
| Stripping lengths                          | 26 mm                                                                               |                                                                                     |                                                                                     |                                                                                     |
| Allen screw                                | M14 (SW 6 mm)                                                                       |                                                                                     |                                                                                     |                                                                                     |

Auxiliary connection

| Input (x1) / Output (x1) | Copper                                                                              |                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                          |  |  |
| 10 mm²                   |                                                                                     |                                                                                     |
| 6 mm²                    |                                                                                     |                                                                                     |
| 4 mm²                    | 1,2 Nm                                                                              | 1,2 Nm                                                                              |
| 2,5 mm²                  |                                                                                     |                                                                                     |
| 1,5 mm²                  |                                                                                     |                                                                                     |
| max. current             | 57 A                                                                                |                                                                                     |
| Stripping lengths        | 10 mm                                                                               |                                                                                     |
| Screw                    | M4 (+/- PZ2)                                                                        |                                                                                     |

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

| Input (x1) / Output (x1)                | Copper                                                                              |                                                                                     | Aluminum                                                                            |                                                                                     |
|-----------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                         |  |  |  |  |
| AWG 3/0                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| AWG 2/0                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| AWG 1/0                                 | 200 lb In.                                                                          |                                                                                     | 200 lb In.                                                                          | 123 lb In.                                                                          |
| AWG 2                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| AWG 4                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| AWG 6                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| AWG 8                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| max. current at 1 x 95 mm² (acc. to UL) | 200 A                                                                               |                                                                                     | 155 A                                                                               |                                                                                     |
| Stripping lengths                       | 26 mm                                                                               |                                                                                     |                                                                                     |                                                                                     |
| Allen screw                             | M14 (SW 6 mm)                                                                       |                                                                                     |                                                                                     |                                                                                     |

Auxiliary connection

| Input (x1) / Output (x1) | Copper                                                                              |                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                          |  |  |
| AWG 8                    |                                                                                     |                                                                                     |
| AWG 10                   |                                                                                     |                                                                                     |
| AWG 12                   | 20.3 lb In.                                                                         | 20.3 lb In.                                                                         |
| AWG 14                   |                                                                                     |                                                                                     |
| AWG 16                   |                                                                                     |                                                                                     |
| max. current             | 57 A                                                                                |                                                                                     |
| Stripping lengths        | 10 mm                                                                               |                                                                                     |
| Screw                    | M4 (+/- PZ2)                                                                        |                                                                                     |

