

**WPD 131 1X95/1X95 GN****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, green, 95 mm², 232 A, 1000 V, Number of connections: 2, Number of levels: 1 |
| Order No.  | <a href="#">2502670000</a>                                                                                                    |
| Type       | WPD 131 1X95/1X95 GN                                                                                                          |
| GTIN (EAN) | 4050118516494                                                                                                                 |
| Qty.       | 2 pc(s).                                                                                                                      |

## WPD 131 1X95/1X95 GN

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## 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 | Ambient temperature              | -5 °C...40 °C |
| Continuous operating temp., min. | -50 °C         | Continuous operating temp., max. | 120 °C        |

## Material data

|                           |       |        |       |
|---------------------------|-------|--------|-------|
| Material                  | Wemid | Colour | green |
| 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    |
| PE connection                       | No               | Rail                              | TS 35 |
| PE function                         | 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)

|                                                                                         |                    |                                                      |                    |
|-----------------------------------------------------------------------------------------|--------------------|------------------------------------------------------|--------------------|
| Clamping range, max.                                                                    | 95 mm <sup>2</sup> | Clamping range, min.                                 | 10 mm <sup>2</sup> |
| Connection cross-section, stranded, max.                                                | 95 mm <sup>2</sup> | Connection direction                                 | on side            |
| Number of connections                                                                   | 2                  | Type of connection                                   | Screw connection   |
| Type of connection 2                                                                    | Screw connection   | Wire connection cross section AWG, max.              | AWG 3/0            |
| Wire connection cross section AWG, min.                                                 | AWG 16             | Wire connection cross section, finely stranded, max. | 0 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, solid core, max.      | 95 mm <sup>2</sup> |

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## Technical data

## General

|                                         |                                |                                         |                             |
|-----------------------------------------|--------------------------------|-----------------------------------------|-----------------------------|
| Installation advice                     | Terminal rail / mounting plate | Number of poles                         | 1                           |
| Rail                                    | TS 35                          | Standards                               | IEC 60947-7-1, UL 1059, CSA |
| Wire connection cross section AWG, max. | AWG 3/0                        | Wire connection cross section AWG, min. | AWG 16                      |

## 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                       | Current at maximum wires                     | 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    |
| 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 |             |             |

## Environmental Product Compliance

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

## Important note

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

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## Technical data

## Approvals

Approvals



Approvals MAMID

[https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319217/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319217/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319222/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319213/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319213/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319230/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319234/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319236/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319236/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319240/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319240/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319260/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319263/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/)

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

## Downloads

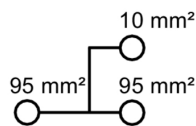
|                                             |                                                                                                                                                                                                                                                             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

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## 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)                                                                        |                                                                                     |

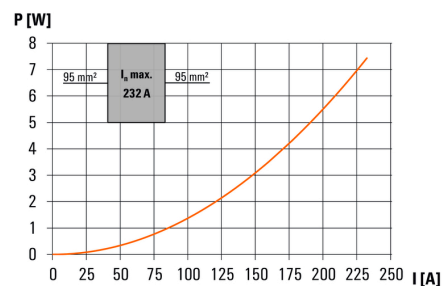
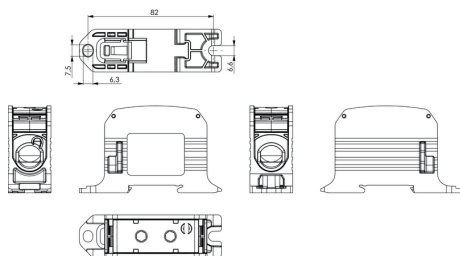
Conductor connection data according to UL 1059 (Al+Cu)

| 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)                                                                        |                                                                                     |



## WPD 131 1X95/1X95 GN

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## Accessories

## Protective covers



## Power feed-in

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

## General ordering data

|            |                            |                              |
|------------|----------------------------|------------------------------|
| Type       | WPDPC X31 GY               | Version                      |
| Order No.  | <a href="#">2503370000</a> | Cover hood (terminal), Wemid |
| GTIN (EAN) | 4050118533330              |                              |
| Qty.       | 20 pc(s).                  |                              |

## 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> | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 |
| GTIN (EAN) | 4008190397111              | Weidmueller, white                                        |
| Qty.       | 1,000 pc(s).               |                                                           |

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## Accessories

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

## 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.

## General ordering data

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

## Power feed-in Screw connection

### W-Series

#### WPD 131 1X95/1X95 GY



#### WPD 131

95 mm<sup>2</sup>

#### WPD 231

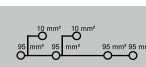
95 mm<sup>2</sup>

|                               |                   |
|-------------------------------|-------------------|
| Width / Height / Depth        | mm                |
| max. current / max. conductor | A/mm <sup>2</sup> |
| max. clamping range           | mm <sup>2</sup>   |

28 / 57 / 93  
232 / 95  
10...95



47 / 57 / 93  
232 / 95  
10...95



### Technical data

| Rated data                                           |                                        |                 |
|------------------------------------------------------|----------------------------------------|-----------------|
| Rated voltage                                        |                                        | V               |
| Rated current                                        |                                        | A               |
| for wire cross-section                               | 95 mm <sup>2</sup>                     | mm <sup>2</sup> |
|                                                      | Auxiliary connection 6 mm <sup>2</sup> | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                                        |                 |
| Overvoltage category / UL 94 flammability rating     |                                        |                 |
| Approvals                                            |                                        |                 |
| Clamped conductors (H05V/H07V)                       |                                        |                 |
| Solid / Stranded                                     | 95 mm <sup>2</sup>                     | mm <sup>2</sup> |
|                                                      | Auxiliary connection 6 mm <sup>2</sup> | mm <sup>2</sup> |
| Flexible with ferrule                                | 95 mm <sup>2</sup>                     | mm <sup>2</sup> |
|                                                      | Auxiliary connection 6 mm <sup>2</sup> | mm <sup>2</sup> |
| Stripping length / Blade size                        | 95 mm <sup>2</sup>                     | mm/-            |
|                                                      | Auxiliary connection 6 mm <sup>2</sup> | mm/-            |
| Tightening torque                                    |                                        | Nm              |
| <b>Note</b>                                          |                                        |                 |

### IEC 60947-7-1

| IEC       | UL          | CSA         | EN 60079-7 |
|-----------|-------------|-------------|------------|
| 1000      | 1000        | 1000        | 880        |
| 232       | 200         | 200         | 232        |
| 95        | AWG 8...3/0 | AWG 8...3/0 | 95         |
| 6         | AWG 16...8  | AWG 16...8  | 6          |
| 8 kV / 3  |             |             |            |
| III / V-0 |             |             |            |

### Bemessungsanschluss

|                             |
|-----------------------------|
| 10...95 / 10...95           |
| 1.5...10 / 1.5...10         |
| 16...70                     |
| 1.5...6                     |
| 26 / M14 (SW 6)             |
| 10 / M4 (+/- PZ2)           |
| siehe Anhang am Kapitelende |

### IEC 60947-7-1

| IEC       | UL          | CSA         | EN 60079-7 |
|-----------|-------------|-------------|------------|
| 1000      | 1000        | 1000        | 880        |
| 464       | 200         | 200         | 232        |
| 95        | AWG 8...3/0 | AWG 8...3/0 | 95         |
| 6         | AWG 16...8  | AWG 16...8  | 6          |
| 8 kV / 3  |             |             |            |
| III / V-0 |             |             |            |

### Bemessungsanschluss

|                             |
|-----------------------------|
| 10...95 / 10...95           |
| 1.5...10 / 1.5...10         |
| 16...70                     |
| 1.5...6                     |
| 26 / M14 (SW 6)             |
| 10 / M4 (+/- PZ2)           |
| siehe Anhang am Kapitelende |

B

### Ordering data

| Version     |            |
|-------------|------------|
|             | light grey |
|             | blue       |
|             | green      |
|             | brown      |
|             | black      |
| <b>Note</b> |            |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| WPD 131 1X95/1X95 GY | 2    | 2503090000 |
| WPD 131 1X95/1X95 BL | 2    | 2502660000 |
| WPD 131 1X95/1X95 GN | 2    | 2502670000 |
| WPD 131 1X95/1X95 BN | 2    | 2502680000 |
| WPD 131 1X95/1X95 BK | 2    | 2502690000 |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| WPD 231 2X95/2X95 GY | 1    | 2502700000 |
| WPD 231 2X95/2X95 BL | 1    | 2502710000 |
| WPD 231 2X95/2X95 GN | 1    | 2502720000 |
| WPD 231 2X95/2X95 BN | 1    | 2502730000 |
| WPD 231 2X95/2X95 BK | 1    | 2502740000 |

### Accessories

| Protective cover       |            |
|------------------------|------------|
|                        | light grey |
| End bracket            |            |
|                        | grey       |
|                        | black      |
| Screwdriver            |            |
|                        | SET        |
| Identification systems |            |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WPDPC X31 GY      | 20   | 2503370000 |
| WEW 35/2 GR 7042  | 100  | 1859200000 |
| AEB 35 SC/1 BK    | 50   | 2475310000 |
| SK WSD-S 1.5-10,0 | 1    | 9008850000 |
| DEK 5/5 MC NE WS  | 1000 | 1609801044 |
| WS 8/5 MM WS      | 800  | 2007150000 |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WPDPC X31 GY      | 20   | 2503370000 |
| WEW 35/2 GR 7042  | 100  | 1859200000 |
| AEB 35 SC/1 BK    | 50   | 2475310000 |
| SK WSD-S 1.5-10,0 | 1    | 9008850000 |
| DEK 5/5 MC NE WS  | 1000 | 1609801044 |
| WS 8/5 MM WS      | 800  | 2007150000 |



# Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (AL+Cu)

| Input (x1) / Output (x1)                               | Copper                                                                            |                                                                                   | Aluminium                                                                         |                                                                                   |
|--------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                                                        |  |  |  |  |
| 95 mm <sup>2</sup>                                     | 19 Nm                                                                             |                                                                                   | 22,6 Nm                                                                           | 22,6 Nm                                                                           |
| 70 mm <sup>2</sup>                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 50 mm <sup>2</sup>                                     |                                                                                   | 19 Nm                                                                             |                                                                                   |                                                                                   |
| 35 mm <sup>2</sup>                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 25 mm <sup>2</sup>                                     | 14 Nm                                                                             | 14 Nm                                                                             |                                                                                   |                                                                                   |
| 16 mm <sup>2</sup>                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 10 mm <sup>2</sup>                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| max. current with 2 x 95 mm <sup>2</sup> (acc. to IEC) | 464 A                                                                             |                                                                                   | 200 A                                                                             |                                                                                   |
| Stripping lengths                                      | 26 mm                                                                             |                                                                                   |                                                                                   |                                                                                   |
| Allen screw                                            | M14 (SW 6 mm)                                                                     |                                                                                   |                                                                                   |                                                                                   |

| Input (x1) / Output (x1)                            | Copper                                                                              |                                                                                     | Aluminium                                                                           |                                                                                     |           |             |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|-------------|
|                                                     |  |  |  |  |           |             |
| AWG 3/0                                             | 200Lb In.                                                                           |                                                                                     |                                                                                     |                                                                                     |           |             |
| AWG 2/0                                             |                                                                                     | 200Lb In.                                                                           | 200Lb In.                                                                           | 123.9Lb In.                                                                         |           |             |
| AWG 1/0                                             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |           |             |
| AWG 2                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |           |             |
| AWG 4                                               | 200Lb In.                                                                           |                                                                                     |                                                                                     |                                                                                     | 200Lb In. | 123.9Lb In. |
| AWG 6                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |           |             |
| AWG 8                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |           |             |
| max. current at 1 x 95 mm <sup>2</sup> (acc. to UL) | 200 A                                                                               |                                                                                     | 155 A                                                                               |                                                                                     |           |             |
| Stripping lengths                                   | 26 mm                                                                               |                                                                                     |                                                                                     |                                                                                     |           |             |
| Allen screw                                         | M14 (SW 6 mm)                                                                       |                                                                                     |                                                                                     |                                                                                     |           |             |

## Auxiliary connection

|                     | Copper                                                                            |                                                                                   |
|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                     |  |  |
| 10 mm <sup>2</sup>  | 1,2 Nm                                                                            | 1,2 Nm                                                                            |
| 6 mm <sup>2</sup>   |                                                                                   |                                                                                   |
| 4 mm <sup>2</sup>   |                                                                                   |                                                                                   |
| 2.5 mm <sup>2</sup> |                                                                                   |                                                                                   |
| 1.5 mm <sup>2</sup> | 57 A                                                                              | 10 mm                                                                             |
| max. current        |                                                                                   |                                                                                   |
| Stripping lengths   |                                                                                   |                                                                                   |
| screw               |                                                                                   |                                                                                   |

|                   | Copper                                                                              |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   |  |  |
| AWG 8             | 20.3Lb In.                                                                          | 20.3Lb In.                                                                          |
| AWG 10            |                                                                                     |                                                                                     |
| AWG 12            |                                                                                     |                                                                                     |
| AWG 14            |                                                                                     |                                                                                     |
| AWG 16            | 57 A                                                                                | 10 mm                                                                               |
| max. current      |                                                                                     |                                                                                     |
| Stripping lengths |                                                                                     |                                                                                     |
| screw             |                                                                                     |                                                                                     |

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped

## Diagrams

