

**WPD 304 3X25/6X16+9X10 3XBK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Nasze bloki rozdzielcze WPD 1XX są stosowane we wszystkich sytuacjach, w których zasilanie jest dostarczane i rozprowadzane. Ich przyjazna dla użytkownika konstrukcja zapewnia doskonały przegląd i umożliwia szybkie i sprawne wdrożenie rozdzielania zasilania przy oszczędności miejsca.

**Ogólne dane zamówieniowe**

|            |                                                                                                                                                                        |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wersja     | Zacisk rozdziálu potencjału, złącze śrubowe, czarny, 25 mm <sup>2</sup> , 164 A, 1000 V, liczba przyłączy: 18, liczba poziomów: 1, Płytki montażowa, TS 35, V-O, Wemid |
| Nr zam.    | <a href="#">2725400000</a>                                                                                                                                             |
| Typ        | WPD 304 3X25/6X16+9X10 3XBK                                                                                                                                            |
| GTIN (EAN) | 4050118796186                                                                                                                                                          |
| Ilość      | 1 Szt.                                                                                                                                                                 |

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## Dane techniczne

## Wymiary i masa

|            |         |                  |            |
|------------|---------|------------------|------------|
| Głębokość  | 49 mm   | Głębokość (cale) | 1,929 inch |
| Wysokość   | 68 mm   | Wysokość (cale)  | 2,677 inch |
| Szerokość  | 94,5 mm | Szerokość (cale) | 3,72 inch  |
| Masa netto | 305 g   |                  |            |

## Temperatury

|                                         |                |                                               |
|-----------------------------------------|----------------|-----------------------------------------------|
| Temperatura magazynowania               | -25 °C...55 °C | długotrwała temperatura użytkowa, min. -50 °C |
| długotrwała temperatura użytkowa, maks. | 130 °C         |                                               |

## Informacje ogólne

|                 |                         |       |                        |
|-----------------|-------------------------|-------|------------------------|
| Liczba biegunów | 3                       | Normy | IEC 60947-7-1, UL 1059 |
| Szyna           | Płytki montażowa, TS 35 |       |                        |

## Przewody zaciskane (kolejne przyłącze)

|                                     |                |
|-------------------------------------|----------------|
| Rodzaj przyłącza, kolejne przyłącze | złącze śrubowe |
|-------------------------------------|----------------|

## dalsze dane techniczne

|                                          |           |                |          |
|------------------------------------------|-----------|----------------|----------|
| otwarte strony                           | zamknięta | rodzaj montażu | wciskany |
| wersja przetestowana pod kątem eksplozji | Tak       |                |          |

## dane tworzywa

|                         |       |        |        |
|-------------------------|-------|--------|--------|
| tworzywo                | Wemid | Barwny | czarny |
| Klasa palności wg UL 94 | V-0   |        |        |

## dane znamionowe

|                                |                    |                           |                        |
|--------------------------------|--------------------|---------------------------|------------------------|
| Przekrój pomiarowy             | 25 mm <sup>2</sup> | Napięcie znamionowe       | 1 000 V                |
| Znamionowe napięcie przemienne | 1 000 V            | Znamionowe napięcie stałe | 1 000 V                |
| Prąd znamionowy                | 164 A              | Normy                     | IEC 60947-7-1, UL 1059 |

## parametry systemu

|                                 |                |                              |                         |
|---------------------------------|----------------|------------------------------|-------------------------|
| Wykonanie                       | Złącze śrubowe | niezbędna płyta zamykająca   | Nie                     |
| Liczba potencjałów              | 3              | liczba poziomów              | 1                       |
| liczba zacisków na poziomie     | 6              | Liczba potencjałów w rzędzie | 3                       |
| poziomy wewnętrznie zmostkowane | Tak            | Szyna                        | Płytki montażowa, TS 35 |
| Funkcja N                       | Nie            | Funkcja PE                   | Nie                     |
| Funkcja PEN                     | Nie            |                              |                         |

## przewody zaciskane (złącze wymiarowane)

|                      |                |                    |                |
|----------------------|----------------|--------------------|----------------|
| Rodzaj przyłącza     | złącze śrubowe | Rodzaj przyłącza 2 | złącze śrubowe |
| kierunek podłączenia | z boku         | liczba przyłączy   | 18             |

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## Dane techniczne

## Klasyfikacje

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 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 |             |             |

## Zgodność produktu z wymogami środowiska naturalnego

|                                                                            |                                      |
|----------------------------------------------------------------------------|--------------------------------------|
| REACH SVHC                                                                 | Lead 7439-92-1                       |
| SCIP                                                                       | e1c310ef-6b67-4efa-80a6-d307472f4de9 |
| Status zgodności z dyrektywą RoHS                                          | Zgodne, z wyłączeniem                |
| Wyłączenie RoHS (w przypadkach, w których ma to zastosowanie / jest znane) | 6c                                   |

## Ważna informacja

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Informacje produktowe | Złącze żeńskie spełnia klasę palności V-2 zgodnie z UL94. |
|-----------------------|-----------------------------------------------------------|

## Dopuszczenia

|              |                                                                                     |
|--------------|-------------------------------------------------------------------------------------|
| Dopuszczenia |  |
| ROHS         | Zgodny                                                                              |

## Pobieranie

|                                              |                                                                                                                                                                                                                                                       |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dopuszczenie/Certyfikat/Deklaracja zgodności | <a href="#">UKCA Ex Attestation of Conformity</a><br><a href="#">CB 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> |
| Dane projektowe                              | <a href="#">CAD data – STEP</a>                                                                                                                                                                                                                       |
| Dokumentacja użytkownika                     | <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>                                                    |
| Katalogi                                     | <a href="#">Catalogues in PDF-format</a>                                                                                                                                                                                                              |

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## Rysunki



**Conductor connection data according to IEC 60947-3-1 (Cu)**

| Input            | conductor point 1 |          | conductor point 2 |
|------------------|-------------------|----------|-------------------|
|                  | Conductor         | Terminal |                   |
| 16 mm²           | C 250             | C 250    | C 250             |
| 10 mm²           | C 250             | C 250    | C 250             |
| 6 mm²            | C 250             | C 250    | C 250             |
| 4 mm²            | C 250             | C 250    | C 250             |
| 2.5 mm²          | C 250             | C 250    | C 250             |
| 1.5 mm²          | C 250             | C 250    | C 250             |
| Stripping length | 15 mm             |          |                   |
| Stripping tool   | 800               |          |                   |

**Conductor connection data according to IEC 60947-3-1 (Al)**

| Input            | conductor point 1 |          | conductor point 2 |
|------------------|-------------------|----------|-------------------|
|                  | Conductor         | Terminal |                   |
| 16 mm²           | C 250             | C 250    | C 250             |
| 10 mm²           | C 250             | C 250    | C 250             |
| 6 mm²            | C 250             | C 250    | C 250             |
| 4 mm²            | C 250             | C 250    | C 250             |
| 2.5 mm²          | C 250             | C 250    | C 250             |
| 1.5 mm²          | C 250             | C 250    | C 250             |
| Stripping length | 15 mm             |          |                   |
| Stripping tool   | 800               |          |                   |

**Conductor connection data according to IEC 60947-3-1 (Cu)**

| Input            | conductor point 1 |          | conductor point 2 |
|------------------|-------------------|----------|-------------------|
|                  | Conductor         | Terminal |                   |
| 16 mm²           | C 250             | C 250    | C 250             |
| 10 mm²           | C 250             | C 250    | C 250             |
| 6 mm²            | C 250             | C 250    | C 250             |
| 4 mm²            | C 250             | C 250    | C 250             |
| 2.5 mm²          | C 250             | C 250    | C 250             |
| 1.5 mm²          | C 250             | C 250    | C 250             |
| Stripping length | 15 mm             |          |                   |
| Stripping tool   | 800               |          |                   |

**Conductor connection data according to IEC 60947-3-1 (Al)**

| Input            | conductor point 1 |          | conductor point 2 |
|------------------|-------------------|----------|-------------------|
|                  | Conductor         | Terminal |                   |
| 16 mm²           | C 250             | C 250    | C 250             |
| 10 mm²           | C 250             | C 250    | C 250             |
| 6 mm²            | C 250             | C 250    | C 250             |
| 4 mm²            | C 250             | C 250    | C 250             |
| 2.5 mm²          | C 250             | C 250    | C 250             |
| 1.5 mm²          | C 250             | C 250    | C 250             |
| Stripping length | 15 mm             |          |                   |
| Stripping tool   | 800               |          |                   |

**Conductor connection data according to IEC 60947-3-1 (Cu)**

| Input            | conductor point 1 |          | conductor point 2 |
|------------------|-------------------|----------|-------------------|
|                  | Conductor         | Terminal |                   |
| 16 mm²           | C 250             | C 250    | C 250             |
| 10 mm²           | C 250             | C 250    | C 250             |
| 6 mm²            | C 250             | C 250    | C 250             |
| 4 mm²            | C 250             | C 250    | C 250             |
| 2.5 mm²          | C 250             | C 250    | C 250             |
| 1.5 mm²          | C 250             | C 250    | C 250             |
| Stripping length | 15 mm             |          |                   |
| Stripping tool   | 800               |          |                   |

**Conductor connection data according to IEC 60947-3-1 (Al)**

| Input            | conductor point 1 |          | conductor point 2 |
|------------------|-------------------|----------|-------------------|
|                  | Conductor         | Terminal |                   |
| 16 mm²           | C 250             | C 250    | C 250             |
| 10 mm²           | C 250             | C 250    | C 250             |
| 6 mm²            | C 250             | C 250    | C 250             |
| 4 mm²            | C 250             | C 250    | C 250             |
| 2.5 mm²          | C 250             | C 250    | C 250             |
| 1.5 mm²          | C 250             | C 250    | C 250             |
| Stripping length | 15 mm             |          |                   |
| Stripping tool   | 800               |          |                   |

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

| Input (AWG)     | conductor point 1 |          | conductor point 2 |
|-----------------|-------------------|----------|-------------------|
|                 | Conductor         | Terminal |                   |
| AWG 4           | C 250             | C 250    | C 250             |
| AWG 6           | C 250             | C 250    | C 250             |
| AWG 8           | C 250             | C 250    | C 250             |
| AWG 10          | C 250             | C 250    | C 250             |
| AWG 12          | C 250             | C 250    | C 250             |
| min. current    | 80 A              | 80 A     | 80 A              |
| max. current    | 80 A              | 80 A     | 80 A              |
| Voltage max (V) | 800 V             | 800 V    | 800 V             |

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

| Input (AWG)     | conductor point 1 |          | conductor point 2 |
|-----------------|-------------------|----------|-------------------|
|                 | Conductor         | Terminal |                   |
| AWG 4           | C 250             | C 250    | C 250             |
| AWG 6           | C 250             | C 250    | C 250             |
| AWG 8           | C 250             | C 250    | C 250             |
| AWG 10          | C 250             | C 250    | C 250             |
| AWG 12          | C 250             | C 250    | C 250             |
| min. current    | 80 A              | 80 A     | 80 A              |
| max. current    | 80 A              | 80 A     | 80 A              |
| Voltage max (V) | 800 V             | 800 V    | 800 V             |

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

| Input (AWG)     | conductor point 1 |          | conductor point 2 |
|-----------------|-------------------|----------|-------------------|
|                 | Conductor         | Terminal |                   |
| AWG 4           | C 250             | C 250    | C 250             |
| AWG 6           | C 250             | C 250    | C 250             |
| AWG 8           | C 250             | C 250    | C 250             |
| AWG 10          | C 250             | C 250    | C 250             |
| AWG 12          | C 250             | C 250    | C 250             |
| min. current    | 80 A              | 80 A     | 80 A              |
| max. current    | 80 A              | 80 A     | 80 A              |
| Voltage max (V) | 800 V             | 800 V    | 800 V             |

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

| Input (AWG)     | conductor point 1 |          | conductor point 2 |
|-----------------|-------------------|----------|-------------------|
|                 | Conductor         | Terminal |                   |
| AWG 4           | C 250             | C 250    | C 250             |
| AWG 6           | C 250             | C 250    | C 250             |
| AWG 8           | C 250             | C 250    | C 250             |
| AWG 10          | C 250             | C 250    | C 250             |
| AWG 12          | C 250             | C 250    | C 250             |
| min. current    | 80 A              | 80 A     | 80 A              |
| max. current    | 80 A              | 80 A     | 80 A              |
| Voltage max (V) | 800 V             | 800 V    | 800 V             |

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

| Input (AWG)     | conductor point 1 |          | conductor point 2 |
|-----------------|-------------------|----------|-------------------|
|                 | Conductor         | Terminal |                   |
| AWG 4           | C 250             | C 250    | C 250             |
| AWG 6           | C 250             | C 250    | C 250             |
| AWG 8           | C 250             | C 250    | C 250             |
| AWG 10          | C 250             | C 250    | C 250             |
| AWG 12          | C 250             | C 250    | C 250             |
| min. current    | 80 A              | 80 A     | 80 A              |
| max. current    | 80 A              | 80 A     | 80 A              |
| Voltage max (V) | 800 V             | 800 V    | 800 V             |

**CSA Rating data according to CSA 22.2 No. 150**

| Input (AWG)     | conductor point 1 |          | conductor point 2 |
|-----------------|-------------------|----------|-------------------|
|                 | Conductor         | Terminal |                   |
| AWG 4           | C 250             | C 250    | C 250             |
| AWG 6           | C 250             | C 250    | C 250             |
| AWG 8           | C 250             | C 250    | C 250             |
| AWG 10          | C 250             | C 250    | C 250             |
| AWG 12          | C 250             | C 250    | C 250             |
| min. current    | 80 A              | 80 A     | 80 A              |
| max. current    | 80 A              | 80 A     | 80 A              |
| Voltage max (V) | 800 V             | 800 V    | 800 V             |

**CSA Rating data according to CSA 22.2 No. 150**

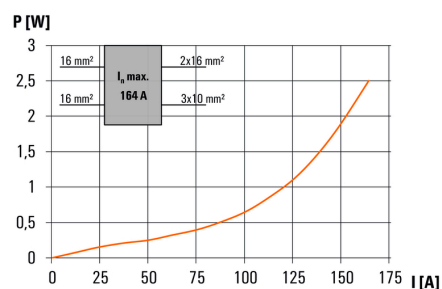
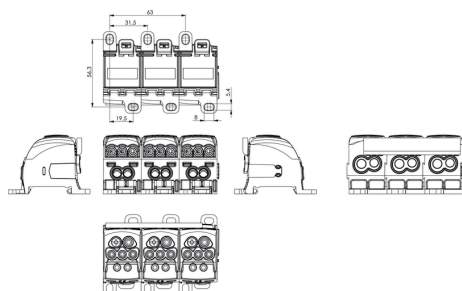
| Input (AWG)     | conductor point 1 |          | conductor point 2 |
|-----------------|-------------------|----------|-------------------|
|                 | Conductor         | Terminal |                   |
| AWG 4           | C 250             | C 250    | C 250             |
| AWG 6           | C 250             | C 250    | C 250             |
| AWG 8           | C 250             | C 250    | C 250             |
| AWG 10          | C 250             | C 250    | C 250             |
| AWG 12          | C 250             | C 250    | C 250             |
| min. current    | 80 A              | 80 A     | 80 A              |
| max. current    | 80 A              | 80 A     | 80 A              |
| Voltage max (V) | 800 V             | 800 V    | 800 V             |

**CSA Rating data according to CSA 22.2 No. 150**

| Input (AWG)     | conductor point 1 |          | conductor point 2 |
|-----------------|-------------------|----------|-------------------|
|                 | Conductor         | Terminal |                   |
| AWG 4           | C 250             | C 250    | C 250             |
| AWG 6           | C 250             | C 250    | C 250             |
| AWG 8           | C 250             | C 250    | C 250             |
| AWG 10          | C 250             | C 250    | C 250             |
| AWG 12          | C 250             | C 250    | C 250             |
| min. current    | 80 A              | 80 A     | 80 A              |
| max. current    | 80 A              | 80 A     | 80 A              |
| Voltage max (V) | 800 V             | 800 V    | 800 V             |

**CSA Rating data according to CSA 22.2 No. 150**

| Input (AWG)     | conductor point 1 |          | conductor point 2 |
|-----------------|-------------------|----------|-------------------|
|                 | Conductor         | Terminal |                   |
| AWG 4           | C 250             | C 250    | C 250             |
| AWG 6           | C 250             | C 250    | C 250             |
| AWG 8           | C 250             | C 250    | C 250             |
| AWG 10          | C 250             | C 250    | C 250             |
| AWG 12          | C 250             | C 250    | C 250             |
| min. current    | 80 A              | 80 A     | 80 A              |
| max. current    | 80 A              | 80 A     | 80 A              |
| Voltage max (V) | 800 V             | 800 V    | 800 V             |



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## Akcesoria

## Mostek poprzeczny



## Ogólne dane zamówieniowe

|            |                            |                                                                      |
|------------|----------------------------|----------------------------------------------------------------------|
| Typ        | WQB WPD X04/2              | Wersja                                                               |
| Nr zam.    | <a href="#">1561980000</a> | Złącze krosujące (terminal), wtykany, szary, 135 A, Liczba biegunów: |
| GTIN (EAN) | 4050118367317              | 2, Raster w mm (P): 31.50, Izolowany: Tak, Szerokość: 49.3 mm        |
| Ilość      | 20 Szt.                    |                                                                      |
| Typ        | WQB WPD X04/3              | Wersja                                                               |
| Nr zam.    | <a href="#">1561990000</a> | Złącze krosujące (terminal), wtykany, szary, 135 A, Liczba biegunów: |
| GTIN (EAN) | 4050118367324              | 3, Raster w mm (P): 31.50, Izolowany: Tak, Szerokość: 80.2 mm        |
| Ilość      | 20 Szt.                    |                                                                      |

## Wkręta z końcówką krzyżową, typu Pozidriv



Wkrętak do śrub z rowkiem krzyżowym, Typ Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, uchwyt zgodny z ISO 8764-PZ, końcówka Chrom Top, rękojeść SoftFinish

## Ogólne dane zamówieniowe

|            |                            |                  |
|------------|----------------------------|------------------|
| Typ        | SDK PZ2                    | Wersja           |
| Nr zam.    | <a href="#">9008540000</a> | Wkrętak, Wkrętak |
| GTIN (EAN) | 4032248056538              |                  |
| Ilość      | 1 Szt.                     |                  |

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Klucz kołkowy z hartowanej wskrośnie stali chrom-wanad, wykonany wg DIN ISO 2636 L (DIN 911), powierzchnia uszlachetniona.

**Ogólne dane zamówieniowe**

|            |                            |                    |
|------------|----------------------------|--------------------|
| Typ        | SKS 2,0-8,0 MR             | Wersja             |
| Nr zam.    | <a href="#">9008870000</a> | Klucze trzpieniowe |
| GTIN (EAN) | 4032248266623              |                    |
| Ilość      | 1 Szt.                     |                    |

## Power distribution

### Screw connection

#### W-Series

#### WPD 104 1x25+1x16/2x16+3x10



#### WPD 104

25 mm<sup>2</sup>

#### WPD 204

25 mm<sup>2</sup>

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

|                |                    |                    |                    |
|----------------|--------------------|--------------------|--------------------|
| 31.5 / 49 / 68 | 10 mm <sup>2</sup> | 16 mm <sup>2</sup> | 25 mm <sup>2</sup> |
| 101 / 25       |                    |                    |                    |
| 1.5...25       |                    |                    |                    |

|              |                    |                    |                    |
|--------------|--------------------|--------------------|--------------------|
| 63 / 49 / 68 | 10 mm <sup>2</sup> | 16 mm <sup>2</sup> | 25 mm <sup>2</sup> |
| 101 / 25     |                    |                    |                    |
| 1.5...25     |                    |                    |                    |

#### Technical data

| Rated data                                           |                    |                 |
|------------------------------------------------------|--------------------|-----------------|
| Rated voltage                                        |                    | V               |
| Rated current                                        |                    | A               |
| for wire cross-section                               | 25 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                                     | 25 mm <sup>2</sup> | mm <sup>2</sup> |
|                                                      | 16 mm <sup>2</sup> | mm <sup>2</sup> |
|                                                      | 10 mm <sup>2</sup> | mm <sup>2</sup> |
|                                                      | 25 mm <sup>2</sup> | mm <sup>2</sup> |
| Flexible with ferrule                                | 16 mm <sup>2</sup> | mm <sup>2</sup> |
|                                                      | 10 mm <sup>2</sup> | mm <sup>2</sup> |
|                                                      | 25 mm <sup>2</sup> | mm/-            |
|                                                      | 16 mm <sup>2</sup> | mm/-            |
| Stripping length / Blade size                        | 10 mm <sup>2</sup> | mm/-            |
|                                                      | 16 mm <sup>2</sup> | mm/-            |
| Tightening torque                                    |                    | Nm              |
| Note                                                 |                    |                 |

#### IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

| IEC                                    | UL         | CSA        | EN 60079-7 |
|----------------------------------------|------------|------------|------------|
| 1000                                   | 600        | 600        | 550        |
| 101                                    | 85         | 85         | 101        |
| 25                                     | AWG 12...4 | AWG 12...4 | 25         |
| 8 kV / 3                               |            |            |            |
| III / V-0                              |            |            |            |
| Rated connection                       |            |            |            |
| 2.5...25 / 2.5...25                    |            |            |            |
| 1.5...16 / 1.5...16                    |            |            |            |
| 1.5...10 / 1.5...10                    |            |            |            |
| 1.5...16                               |            |            |            |
| 1.5...10                               |            |            |            |
| 1.5...6                                |            |            |            |
| 12 / M5                                |            |            |            |
| 14 / M6                                |            |            |            |
| 19 / M6                                |            |            |            |
| see appendix at the end of the chapter |            |            |            |
| Note                                   |            |            |            |

#### IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

| IEC                                    | UL         | CSA        | EN 60079-7 |
|----------------------------------------|------------|------------|------------|
| 1000                                   | 600        | 600        | 550        |
| 101                                    | 85         | 85         | 101        |
| 25                                     | AWG 12...4 | AWG 12...4 | 25         |
| 8 kV / 3                               |            |            |            |
| III / V-0                              |            |            |            |
| Rated connection                       |            |            |            |
| 2.5...25 / 2.5...25                    |            |            |            |
| 1.5...16 / 1.5...16                    |            |            |            |
| 1.5...10 / 1.5...10                    |            |            |            |
| 1.5...16                               |            |            |            |
| 1.5...10                               |            |            |            |
| 1.5...6                                |            |            |            |
| 12 / M5                                |            |            |            |
| 14 / M6                                |            |            |            |
| 19 / M6                                |            |            |            |
| see appendix at the end of the chapter |            |            |            |
| Note                                   |            |            |            |

#### Ordering data

| Version |       |
|---------|-------|
|         | grey  |
|         | blue  |
|         | red   |
|         | black |
| Note    |       |

| Type                           | Qty. | Order No.  |
|--------------------------------|------|------------|
| WPD 104 1x25+1x16/2x16+3x10 GY | 1    | 1562000000 |
| WPD 104 1x25+1x16/2x16+3x10 BL | 1    | 2518250000 |
| WPD 104 1x25+1x16/2x16+3x10 RD | 1    | 2725260000 |
| WPD 104 1x25+1x16/2x16+3x10 BK | 1    | 2725360000 |
| Note                           |      |            |

| Type                        | Qty. | Order No.  |
|-----------------------------|------|------------|
| WPD 204 2x25/4x16+6x10 2XGY | 1    | 1562150000 |
| WPD 204 2x25/4x16+6x10 2XBL | 1    | 2518330000 |
| WPD 204 2x25/4x16+6x10 2XRD | 1    | 2725290000 |
| WPD 204 2x25/4x16+6x10 2XBK | 1    | 2725390000 |
| Note                        |      |            |

#### Accessories

| Cross connection |            |
|------------------|------------|
|                  | 2-pole     |
|                  | 3-pole     |
| End bracket      |            |
|                  | dark beige |
|                  | dark beige |
| Screwdriver      |            |
|                  | SET        |
| Note             |            |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WQB WPD X04/2     | 20   | 1561980000 |
| WQB WPD X04/3     | 20   | 1561990000 |
| Note              |      |            |
| WEW 35/2          | 100  | 1061200000 |
| AEB 35 SC/1       | 50   | 1991920000 |
| Note              |      |            |
| SDK PZ2 X 100     | 1    | 2749450000 |
| SK WSD-S 1,5-10,0 | 1    | 9008850000 |
| Note              |      |            |

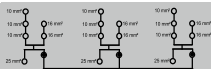
| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| Note              |      |            |
| WEW 35/2          | 100  | 1061200000 |
| AEB 35 SC/1       | 50   | 1991920000 |
| Note              |      |            |
| SDK PZ2 X 100     | 1    | 2749450000 |
| SK WSD-S 1,5-10,0 | 1    | 9008850000 |
| Note              |      |            |

WPD 304

25 mm<sup>2</sup>



94.5 / 49 / 68  
101 / 25  
1.5...25



IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

| IEC       | UL         | CSA        | EN 60079-7 |
|-----------|------------|------------|------------|
| 1000      | 600        | 600        | 550        |
| 101       | 85         | 85         | 101        |
| 25        | AWG 12...4 | AWG 12...4 | 25         |
| 8 kV / 3  |            |            |            |
| III / V-0 |            |            |            |

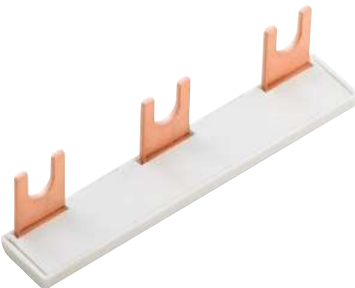
Rated connection

|                     |
|---------------------|
| 2.5...25 / 2.5...25 |
| 1.5...16 / 1.5...16 |
| 1.5...10 / 1.5...10 |
| 1.5...16            |
| 1.5...10            |
| 1.5...6             |
| 12 / M5             |
| 14 / M6             |
| 19 / M6             |

see appendix at the end of the chapter

| Type                        | Qty. | Order No.  |
|-----------------------------|------|------------|
| WPD 304 3X25/6X16+9X10 3XGY | 1    | 1562160000 |
| WPD 304 3X25/6X16+9X10 3XBL | 1    | 2518340000 |
| WPD 304 3x25/6x16+9x10 3xRD | 1    | 2725300000 |
| WPD 304 3x25/6x16+9x10 3xBK | 1    | 2725400000 |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WEW 35/2          | 100  | 1061200000 |
| AEB 35 SC/1       | 50   | 1991920000 |
| SDK PZ2 X 100     | 1    | 2749450000 |
| SK WSD-S 1,5-10,0 | 1    | 9008850000 |



B

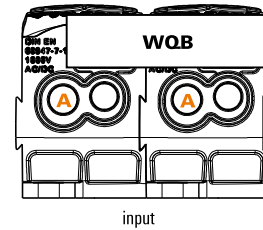
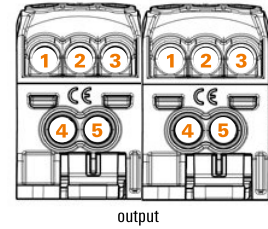




Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

| connection point A            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Input                         | Copper                                                                            |                                                                                   | Aluminium*                                                                        |                                                                                   |
|                               |  |  |  |  |
| 25 mm²                        | 2,5 Nm                                                                            |                                                                                   | 5,1 Nm                                                                            |                                                                                   |
| 16 mm²                        |                                                                                   | 2,5 Nm                                                                            |                                                                                   | 5,1 Nm                                                                            |
| 10 mm²                        |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 6 mm²                         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 4 mm²                         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 2.5 mm²                       |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 1.5 mm²                       |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| Stripping lengths             | 19 mm                                                                             |                                                                                   |                                                                                   |                                                                                   |
| Allen screw                   | M6                                                                                |                                                                                   |                                                                                   |                                                                                   |
| * Values according to UL 1059 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |

\* Values according to UL 1059



| Output                        | connection point 1/2/3                                                            |                                                                                   |                                                                                   |                                                                                   | connection point 4/5                                                              |                                                                                   |                                                                                   |                                                                                     | connection point B                                                                  |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                               | Copper                                                                            |                                                                                   | Aluminium*                                                                        |                                                                                   | Copper                                                                            |                                                                                   | Aluminium*                                                                        |                                                                                     | Copper                                                                              |                                                                                     | Aluminium*                                                                          |                                                                                     |
|                               |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 mm <sup>2</sup>            | 2 Nm                                                                              | 2 Nm                                                                              | 5,1 Nm                                                                            |                                                                                   | 2,5 Nm                                                                            | 2,5 Nm                                                                            | 5,1 Nm                                                                            | 5,1 Nm                                                                              | 2,5 Nm                                                                              | 2,5 Nm                                                                              | 5,1 Nm                                                                              |                                                                                     |
| 10 mm <sup>2</sup>            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 6 mm <sup>2</sup>             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 4 mm <sup>2</sup>             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 2.5 mm <sup>2</sup>           |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 1.5 mm <sup>2</sup>           |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Stripping lengths             | 12 mm                                                                             |                                                                                   |                                                                                   |                                                                                   | 14 mm                                                                             |                                                                                   |                                                                                   |                                                                                     | 19 mm                                                                               |                                                                                     |                                                                                     |                                                                                     |
| Allen screw                   | M5                                                                                |                                                                                   |                                                                                   |                                                                                   | M6                                                                                |                                                                                   |                                                                                   |                                                                                     | M6                                                                                  |                                                                                     |                                                                                     |                                                                                     |
| * Values according to UL 1059 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

\* Values according to UL 1059



Stranded



Solid



Flexible with ferrule



Sector shaped

B



## UL Rating data according to UL 1059

| Certificate no. (UR)  |                                                                                   | XCFR2.E60693                                                                      |                                                                                   |                                                                                   |  |
|-----------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|
| connection point A    |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |
| Input (line)          | Copper                                                                            |                                                                                   | Aluminium                                                                         |                                                                                   |  |
|                       |  |  |  |  |  |
| AWG 4                 | 22.1 Lb In.                                                                       | 22.1 Lb In.                                                                       | 45.1 Lb In.                                                                       | 45.1 Lb In.                                                                       |  |
| AWG 6                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |
| AWG 8                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |
| AWG 10                |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |
| AWG 12                |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |
| max. current          | 85 A                                                                              | 65 A                                                                              | 65 A                                                                              | 50 A                                                                              |  |
| Voltage size B,C (UR) | 600 V                                                                             |                                                                                   |                                                                                   |                                                                                   |  |

| output (load)         | connection point 1/2/3                                                            |                                                                                   |                                                                                   |                                                                                   | connection point 4/5                                                              |                                                                                   |                                                                                   |                                                                                     | connection point B                                                                  |                                                                                     |                                                                                     |                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                       | Copper                                                                            |                                                                                   | Aluminium                                                                         |                                                                                   | Copper                                                                            |                                                                                   | Aluminium                                                                         |                                                                                     | Copper                                                                              |                                                                                     | Aluminium                                                                           |                                                                                     |
|                       |  |  |  |  |  |  |  |  |  |  |  |  |
| AWG 4                 | 22.1 Lb In.                                                                       | 22.1 Lb In.                                                                       | 45.1 Lb In.                                                                       | 22.1 Lb In.                                                                       | 22.1 Lb In.                                                                       | 22.1 Lb In.                                                                       | 45.1 Lb In.                                                                       | 45.1 Lb In.                                                                         | 22.1 Lb In.                                                                         | 22.1 Lb In.                                                                         | 45.1 Lb In.                                                                         | 22.1 Lb In.                                                                         |
| AWG 6                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| AWG 8                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| AWG 10                |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| AWG 12                |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| AWG 14                |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| AWG 16                |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| max. current          | 65 A                                                                              | 50 A                                                                              | 50 A                                                                              |                                                                                   | 85 A                                                                              | 65 A                                                                              | 65 A                                                                              | 50 A                                                                                | 65 A                                                                                | 50 A                                                                                | 50 A                                                                                |                                                                                     |
| Voltage size B,C (UR) | 600 V                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |



Mehrdrähtig



Eindrähtig



Feindrähtig mit Aderendhülle

## CSA-Bemessungsdaten nach CSA 22.2 Nr. 158

| Certificate No. (CSA)   |         | 269832    |         |        |  |
|-------------------------|---------|-----------|---------|--------|--|
|                         | Input   | Output    |         |        |  |
|                         | CP* A   | CP* 1/2/3 | CP* 4/5 | CP* B  |  |
| AWG 4                   | 2,5 Nm. |           |         |        |  |
| AWG 6                   |         |           |         |        |  |
| AWG 8                   |         | 2,5 Nm    | 2,5 Nm  | 2,5 Nm |  |
| AWG 10                  |         |           |         |        |  |
| AWG 12                  |         |           |         |        |  |
| AWG 14                  |         |           |         |        |  |
| AWG 16                  |         |           |         |        |  |
| max. current            | 85 A    | 50 A      | 50 A    | 65 A   |  |
| Voltage size C (CSA)    | 600 V   |           |         |        |  |
| * CP - connection point |         |           |         |        |  |

B

