

**WPD 205 2X35/4X25+6X16 2XGY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Zdjęcie produktu**

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**

|            |   |
|------------|---|
| Wykonanie  | Zacisk rozdziału potencjału, złącze śrubowe, 1000 V, 214 A, Liczba biegunów: 2, Płytki montażowe, TS 35, Jasnoszary |
| Nr zam.    | <a href="#">1562180000</a>  |
| Typ        | WPD 205 2X35/4X25+6X16 2XGY   |
| GTIN (EAN) | 4050118385267   |
| Ilość      | 1 Szt.  |

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## Dane techniczne

## Wymiary i masa

|            |         |                  |            |
|------------|---------|------------------|------------|
| Głębokość  | 53,7 mm | Głębokość (cale) | 2,114 inch |
| Wysokość   | 70 mm   | Wysokość (cale)  | 2,756 inch |
| Szerokość  | 71,2 mm | Szerokość (cale) | 2,803 inch |
| Masa netto | 288 g   |                  |            |

## Temperatury

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

## Informacje ogólne

|                 |                         |                     |                               |
|-----------------|-------------------------|---------------------|-------------------------------|
| Liczba biegunów | 2                       | Normy               | IEC 60947-7-1, UL 1059        |
| Szyna           | Płytki montażowa, TS 35 | Wskazówka montażowa | Szyna nośna / płyta montażowa |

## Przewody zaciskane (kolejne przyłącze)

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

## dalsze dane techniczne

|                     |                               |  |           |
|---------------------|-------------------------------|--|-----------|
| Wskazówka montażowa | Szyna nośna / płyta montażowa | otwarte strony                           | zamknięta |
| rodzaj montażu      | wciskany                      | wersja przetestowana pod kątem eksplozji | Tak       |

## dane tworzywa

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

## dane znamionowe

|                           |                        |                                |         |
|---------------------------|------------------------|--------------------------------|---------|
| Napięcie znamionowe       | 1 000 V                | Znamionowe napięcie przemienne | 1 000 V |
| Znamionowe napięcie stałe | 1 500 V                | Prąd znamionowy                | 214 A   |
| Normy                     | IEC 60947-7-1, UL 1059 |                                |         |

## parametry systemu

|                                 |                         |                              |     |
|---------------------------------|-------------------------|------------------------------|-----|
| Wykonanie                       | Złącze śrubowe          | niezbędna płyta zamykająca   | Nie |
| Liczba potencjałów              | 1                       | liczba poziomów              | 1   |
| liczba zacisków na poziom       | 2                       | Liczba potencjałów w rzędzie | 1   |
| poziomy wewnętrznie zmostkowane | Tak                     | Przyłącze PE                 | Nie |
| Szyna                           | Płytki montażowa, TS 35 | Funkcja N                    | Nie |
| Funkcja PE                      | Nie                     | Funkcja PEN                  | Nie |

## przewody zaciskane (złącze wymiarowane)

|                  |                |                      |        |
|------------------|----------------|----------------------|--------|
| Rodzaj przyłącza | złącze śrubowe | kierunek podłączenia | z boku |
|------------------|----------------|----------------------|--------|

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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 |

## Zgodność produktu z wymogami środowiska naturalnego

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2 |

## Ważna informacja

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

## Dopuszczenia

Dopuszczenia



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

## Pobieranie

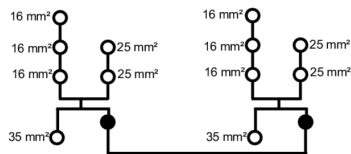
|  |   |
|--|---|
| Dopuszczenie/Certyfikat/Deklaracja zgodności | <a href="#">UKCA Ex Attestation of Conformity</a><br><a href="#">CB Certificate</a><br><a href="#">DNV Certificate</a><br><a href="#">UKCA Ex Certificate</a><br><a href="#">CE Declaration of Conformity</a><br><a href="#">UKCA declaration 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="#">StorageConditionsTerminalBlocks</a><br><a href="#">DATA SHEET WPD 205</a><br><a href="#">Manual - How to connect aluminum wires in WPD-Terminal blocks</a>  |
| Katalogi                                     | <a href="#">Catalogues in PDF-format</a>  |
| Broszury                                     |   |

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Rysunki



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## Akcesoria

## Mostek poprzeczny



## Ogólne dane zamówieniowe

|            |                            |  |
|------------|----------------------------|--|
| Typ        | WQB WPD X05/2              | Wykonanie  |
| Nr zam.    | <a href="#">1561960000</a> | Złącze krosujące (terminal), wtykany, Liczba biegunów: 2, Raster w |
| GTIN (EAN) | 4050118367140              | mm (P): 35.60, Izolowany: Tak, 135 A, szary                        |
| Ilość      | 20 Szt.                    |  |
| Typ        | WQB WPD X05/3              | Wykonanie  |
| Nr zam.    | <a href="#">1561970000</a> | Złącze krosujące (terminal), wtykany, Liczba biegunów: 3, Raster w |
| GTIN (EAN) | 4050118367133              | mm (P): 35.60, Izolowany: Tak, 135 A, szary                        |
| Ilość      | 20 Szt.                    |  |

## Zestawy kluczy trzpieniowych

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             | Wykonanie          |
| Nr zam.    | <a href="#">9008870000</a> | Klucze trzpieniowe |
| GTIN (EAN) | 4032248266623              |                    |
| Ilość      | 1 Szt.                     |                    |

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## Akcesoria

## 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                    | Wykonanie        |
| Nr zam.    | <a href="#">9008540000</a> | Wkrętak, Wkrętak |
| GTIN (EAN) | 4032248056538              |                  |
| Ilość      | 1 Szt.                     |                  |

## Power distribution Screw connection

### W-Series

#### WPD 105 1x35+1x16/2x25+3x16



Application range

#### WPD 105

35 mm<sup>2</sup>



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

35.6 / 53.7 / 70  
125 / 35  
2.5...35



#### WPD 205

35 mm<sup>2</sup>



71.2 / 53.7 / 70  
125 / 35  
2.5...35



### Technical data

| Rated data   |                    |                 |
|--|--------------------|-----------------|
| Rated voltage  |                    | V               |
| Rated current  |                    | A               |
| for wire cross-section                               | 35 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                                     | 35 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 25 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 16 mm <sup>2</sup> | mm <sup>2</sup> |
| Flexible with ferrule                                | 35 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 25 mm <sup>2</sup> | mm <sup>2</sup> |
|  | 16 mm <sup>2</sup> | mm <sup>2</sup> |
| Stripping length / Blade size                        | 35 mm <sup>2</sup> | mm/-            |
|  | 25 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        | 690        |
| 125                                    | 115        | 85         | 125        |
| 35                                     | AWG 12...2 | AWG 12...2 | 35         |
|  | 8 kV / 3   |            |            |
|  | III / V-0  |            |            |
| Rated connection                       |            |            |            |
| 4...35 / 4...35                        |            |            |            |
| 2.5...25 / 2.5...25                    |            |            |            |
| 1.5...16 / 1.5...16                    |            |            |            |
| 2.5...25                               |            |            |            |
| 1.5...16                               |            |            |            |
| 1.5...10                               |            |            |            |
| 19 / M8                                |            |            |            |
| 14 / M6                                |            |            |            |
| 12 / M6                                |            |            |            |
| see appendix at the end of the chapter |            |            |            |

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

| IEC                                    | UL         | CSA        | EN 60079-7 |
|--|------------|------------|------------|
| 1000                                   | 600        | 600        | 690        |
| 125                                    | 115        | 85         | 125        |
| 35                                     | AWG 12...2 | AWG 12...2 | 35         |
|  | 8 kV / 3   |            |            |
|  | III / V-0  |            |            |
| Rated connection                       |            |            |            |
| 4...35 / 4...35                        |            |            |            |
| 2.5...25 / 2.5...25                    |            |            |            |
| 1.5...16 / 1.5...16                    |            |            |            |
| 2.5...25                               |            |            |            |
| 1.5...16                               |            |            |            |
| 1.5...10                               |            |            |            |
| 19 / M8                                |            |            |            |
| 14 / M6                                |            |            |            |
| 12 / M6                                |            |            |            |
| see appendix at the end of the chapter |            |            |            |

B

### Ordering data

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

| Type                           | Qty. | Order No.  |
|--------------------------------|------|------------|
| WPD 105 1x35+1x16/2x25+3x16 GY | 1    | 1562170000 |
| WPD 105 1x35+1x16/2x25+3x16 BL | 1    | 2518540000 |
| WPD 105 1x35+1x16/2x25+3x16 RD | 1    | 2725310000 |
| WPD 105 1x35+1x16/2x25+3x16 BK | 1    | 2725410000 |

| Type                        | Qty. | Order No.  |
|-----------------------------|------|------------|
| WPD 205 2x35/4x25+6x16 2xGY | 1    | 1562180000 |
| WPD 205 2x35/4x25+6x16 2xBL | 1    | 2519470000 |
| WPD 205 2x35/4x25+6x16 2xRD | 1    | 2725320000 |
| WPD 205 2x35/4x25+6x16 2xBK | 1    | 2725420000 |


### Accessories

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

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WQB WPD X05/2     | 20   | 1561960000 |
| WQB WPD X05/3     | 20   | 1561970000 |
| 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 |

| 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 |

WPD 305 35 mm²



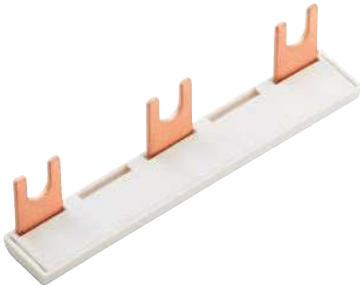
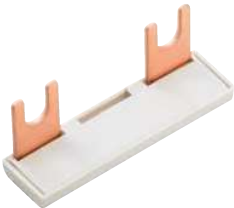
106.8 / 53.7 / 70  
125 / 35  
2.5...35



| IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)    |            |            |            |
|--|------------|------------|------------|
| IEC                                    | UL         | CSA        | EN 60079-7 |
| 1000                                   | 600        | 600        | 690        |
| 125                                    | 115        | 85         | 125        |
| 35                                     | AWG 12...2 | AWG 12...2 | 35         |
| 8 kV / 3                               |            |            |            |
| III / V-0                              |            |            |            |
| Rated connection                       |            |            |            |
| 4...35 / 4...35                        |            |            |            |
| 2.5...25 / 2.5...25                    |            |            |            |
| 1.5...16 / 1.5...16                    |            |            |            |
| 2.5...25                               |            |            |            |
| 1.5...16                               |            |            |            |
| 1.5...10                               |            |            |            |
| 19 / M8                                |            |            |            |
| 14 / M6                                |            |            |            |
| 12 / M6                                |            |            |            |
| see appendix at the end of the chapter |            |            |            |

| Type                        | Qty. | Order No.  |
|-----------------------------|------|------------|
| WPD 305 3x35/6x25+9x16 3xGY | 1    | 1562190000 |
| WPD 305 3x35/6x25+9x16 3xBL | 1    | 2521770000 |
| WPD 305 3x35/6x25+9x16 3xRD | 1    | 2725330000 |
| WPD 305 3x35/6x25+9x16 3xBK | 1    | 2725430000 |

| 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*  |   |
|                               |  |  |  |  |
| 35 mm <sup>2</sup>            | 3,5 Nm  |   | 11,3 Nm   | 11,3 Nm   |
| 25 mm <sup>2</sup>            |   |   |   |   |
| 16 mm <sup>2</sup>            |   | 3,5 Nm  |   |   |
| 10 mm <sup>2</sup>            |   |   |   |   |
| 6 mm <sup>2</sup>             |   |   |   |   |
| 4 mm <sup>2</sup>             |   |   |   |   |
| 2.5 mm <sup>2</sup>           |   |   |   |   |
| Stripping lengths             |   | 19 mm   |   |   |
| Allen screw                   |   | M8  |   |   |
| * Values according to UL 1059 |   |   |   |   |



output

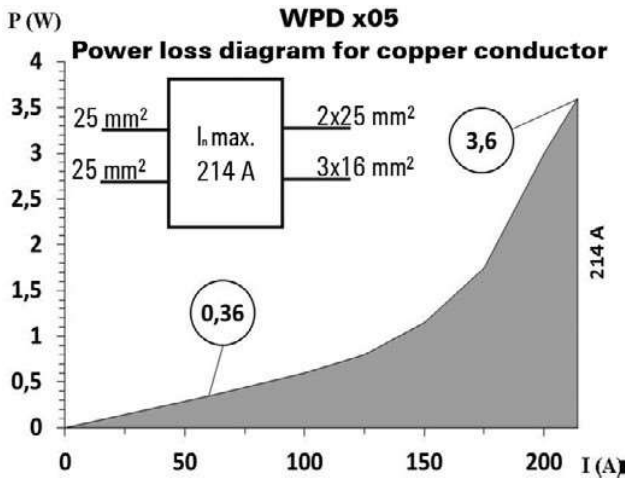


input

| Output                        | connection point 1/2/3  |   |   |   | connection point 4/5  |   |   |   | connection point B  |   |   |   |  |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|--|
|                               | Copper  |   | Aluminium*  |   | Copper  |   | Aluminium*  |   | Copper  |   | Aluminium*  |   |  |
|                               |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25 mm <sup>2</sup>            | 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  |  |
| 16 mm <sup>2</sup>            |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 10 mm <sup>2</sup>            |   | 2 Nm  |   |   | 5,1 Nm  |   |   |   |   |   |   |   |  |
| 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                   | M6  |   |   |   | M6  |   |   |   | M6  |   |   |   |  |
| * Values according to UL 1059 |   |   |   |   |   |   |   |   |   |   |   |   |  |















 Stranded  
 Solid  
 Flexible with ferrule  
 Sector shaped



## UL Rating data according to UL 1059

| Certificate no. (UR)  |   | XCFR2.E60693  |   |   |  |
|-----------------------|---|---|---|---|--|
| connection point A    |   |   |   |   |  |
| Input (line)          | Copper  |   | Aluminium   |   |  |
|                       |  |  |  |  |  |
| AWG 2                 | 31 Lb. In.  |   | 100 Lb. In.   |   |  |
| AWG 4                 |   |   |   | 100 Lb. In.   |  |
| AWG 6                 |   |   |   |   |  |
| AWG 8                 |   |   |   |   |  |
| AWG 10                |   |   |   |   |  |
| AWG 12                |   |   |   |   |  |
| max. current          | 115 A   | 85 A  | 90 A  | 65 A  |  |
| Voltage size B,C (UR) | 600 V   |   |   |   |  |

| connection point 1/2/3 |   |   |   |   |   |   |   |   |   |   |   |   | connection point 4/5 |  |  |  | connection point B |  |  |  |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|--|--|--|--------------------|--|--|--|
| output (load)          | 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.   | 45.1 Lb In.   | 45.1 Lb In.   | 22.1 Lb In.   | 22.1 Lb In.   | 45.1 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   |   |   |   |   |   |   |   |   |   |   |   |                      |  |  |  |                    |  |  |  |

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped

## 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                   | 31 Lb In. |             | 22.1 Lb In. |             |             |
| AWG 4                   |           |             |             |             |             |
| AWG 6                   |           |             |             |             |             |
| AWG 8                   |           | 22.1 Lb In. |             | 22.1 Lb In. | 22.1 Lb In. |
| AWG 10                  |           |             |             |             |             |
| AWG 12                  |           |             |             |             |             |
| AWG 14                  |           |             |             |             |             |
| AWG 16                  |           |             |             |             |             |
| max. current            | 115 A     | 85 A        | 85 A        | 85 A        |             |
| Voltage size C (CSA)    | 600 V     |             |             |             |             |
| * CP - connection point |           |             |             |             |             |

