

WPD 109 1X185/2X35+3X25+4X16 GY

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



A WPD 1XX elosztótömbjeink minden helyzetben használhatóak, ahol a teljesítményt biztosítani kell és el kell osztani. A felhasználóbarát kialakítás jobb áttekinthetőséget biztosít és gyorsan, hatékonyan megvalósíthatóvá teszi a helytakarékos teljesítményelosztást.

Általános rendelési adatok

| | |
|----------------|--|
| Változat | Potenciáelosztó kapocs, Csavaros csatlakozás, Világosszürke, 185 mm ² , 490 A, 1000 V, Csatlakozások száma: 10, Szintek száma: 1, Rögzítőlemez, TS 35, V-0, Wemid |
| Rendelési szám | 1562090000 |
| Típus | WPD 109 1X185/2X35+3X25+4X16 GY |
| GTIN (EAN) | 4050118384895 |
| Qty. | 1 Stück |

A létrehozás dátuma 2024. szeptember 6. 4:25:28 CEST

A katalógus állapota 31.08.2024 / A műszaki módosítások jogát fenntartjuk.

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Műszaki adatok

Méretek és tömegek

| | | | |
|-------------|---------|------------------|------------|
| Mélység | 77 mm | Mélység (coll) | 3,031 inch |
| Magasság | 95 mm | Magasság (coll) | 3,74 inch |
| Szélesség | 51,1 mm | Szélesség (coll) | 2,012 inch |
| Nettó tömeg | 454 g | | |

Hőmérsékletek

| | | | |
|-------------------------------------|----------------|-------------------------------------|--------|
| Tárolási hőmérséklet | -25 °C...55 °C | Folyamatos üzemi hőmérséklet., min. | -50 °C |
| Folyamatos üzemi hőmérséklet., max. | 130 °C | | |

PT OKIECEX/ATEX névleges adat

| | | | |
|------------------------------------|---------------------|---------------------------|-------------------|
| Tanúsítvány száma (ATEX) | CNEX16ATEX0005U | Tanúsítvány száma (IECEX) | IECEXCNEX16.0005U |
| Max. feszültség (ATEX) | 1100 V | Áram (ATEX) | 353 A |
| Vezetékkeresztmetszet, max. (ATEX) | 185 mm ² | Max. feszültség (IECEX) | 1100 V |
| Áram (IECEX) | 353 A | | |

Anyag adatok

| | | | |
|--------------------------|-------|------|---------------|
| Anyag | Wemid | Szín | Világosszürke |
| UL 94 éghetőségi osztály | V-0 | | |

Rendszer specifikációk

| | | | |
|------------------------------------|----------------------|-------------------------------|------|
| Változat | Csavaros csatlakozás | Véglap szükséges | Nem |
| Potenciálok száma | 1 | Szintek száma | 1 |
| Rögzítési pontok száma szintenként | 2 | Potenciálok száma szintenként | 1 |
| Keresztkötött szintek belül | Igen | PE-csatlakozás | Nem |
| Sín | Rögzítőlemez, TS 35 | N funkció | Igen |
| PE működés | Nem | PEN funkció | Nem |

CSA névleges adatok

| | |
|----------------------------|----------|
| Tanúsítvány száma (cCSAus) | 70128467 |
|----------------------------|----------|

Kiegészítő műszaki adatok

| | | | |
|---|----------------|---------------------|---------------------------|
| Felszerelés típusa | Felpattintható | Nyitott oldala | zárt |
| Robbanásbiztonság szempontjából bevizsgált változat | Igen | Telepítési útmutató | Tartósínek / szerelőlapok |

Névleges adatok

| | | | |
|-------------------------|---------------------|------------------------|------------------------|
| Névleges keresztmetszet | 185 mm ² | Névleges feszültség | 1 000 V |
| Névleges AC feszültség | 1 000 V | Névleges DC feszültség | 1 500 V |
| Névleges áram | 490 A | Szabványok | IEC 60947-7-1, UL 1059 |

Rögzíthető vezetékek (kiegészítő csatlakozás)

| | |
|--|----------------------|
| Csatlakozás típusa, kiegészítő csatlakozás | Csavaros csatlakozás |
|--|----------------------|

Rögzíthető vezetékek (névleges csatlakozás)

| | |
|--------------------|----------------------|
| Csatlakozás típusa | Csavaros csatlakozás |
|--------------------|----------------------|

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Műszaki adatok

| | |
|---------------------|--|
| Csatlakozási irány | oldalt |
| Csatlakozások száma | 10 |
| Rögzíthető vezeték | Csatlakozási specifikáció Csavaros csatlakozás |

UL névleges adatok

| | |
|---------------------------|--------|
| Tanúsítvány száma (cURus) | E60693 |
|---------------------------|--------|

Általános

| | | | |
|-----------|---------------------|---------------------|---------------------------|
| Pólusszám | 1 | Szabványok | IEC 60947-7-1, UL 1059 |
| Sín | Rögzítőlemez, TS 35 | Telepítési útmutató | Tartósínek / szerelőlapok |

Besorolások

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

Termékek környezetvédelmi megfelelése

| | |
|--|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2 |
| RoHS megfelelési állapot | Megfelel, kivétellel |
| RoHS alóli kivétel (ha van/ismert ilyen) | 6c |

Fontos megjegyzés

| | |
|------------------|---|
| Termékinformáció | Az aljzat megfelel a V-2 gyúlékonysági osztálynak, az UL94 szerint. |
|------------------|---|

Tanúsítványok

Jóváhagyások



| | |
|---------------------------|-------------|
| ROHS | Megfelel |
| UL File Number Search | UL weboldal |
| Tanúsítvány száma (cURus) | E60693 |

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www.weidmueller.com**Műszaki adatok****Letöltések**Approval/Certificate/Document of
Conformity

[Attestation of Conformity](#)
[UKCA Ex Attestation of Conformity](#)
[CB Certificate](#)
[ATEX Certificate](#)
[IECEX Certificate](#)
[VDE Certificate](#)
[CCC Ex Certificate](#)
[DNV Certificate](#)
[UKCA Ex Certificate](#)
[CE Declaration of Conformity](#)
[UKCA declaration of conformity](#)
[Confirmation of Standards EN 45545-2_2020-10](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[StorageConditionsTerminalBlocks](#)
[DATA SHEET WPD 109](#)
[NTI WPD 109](#)
[Manual - How to connect aluminum wires in WPD-Terminal blocks](#)
[Torque_Conductor_Connection_Data_WPD_EN](#)
[Drehmoment_Leiteranschlussdaten_WPD_DE](#)

Katalógusok

[Catalogues in PDF-format](#)

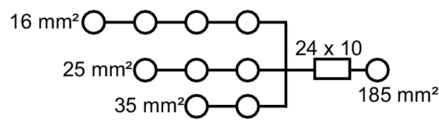
Kiadványok

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Rajzok



Conductor connection data according to IEC 60883-1 (2x)

| Input | connection point A | | connection point B | |
|-------------------------|---------------------|---------------------|---------------------|--------------------|
| | Conductor | Terminal | Conductor | Terminal |
| 185 mm² | 185 | 185 | 185 | 185 |
| 120 mm² | 120 | 120 | 120 | 120 |
| 95 mm² | 95 | 95 | 95 | 95 |
| 70 mm² | 70 | 70 | 70 | 70 |
| 50 mm² | 50 | 50 | 50 | 50 |
| 35 mm² | 35 | 35 | 35 | 35 |
| 25 mm² | 25 | 25 | 25 | 25 |
| 16 mm² | 16 | 16 | 16 | 16 |
| 10 mm² | 10 | 10 | 10 | 10 |
| 6 mm² | 6 | 6 | 6 | 6 |
| 4 mm² | 4 | 4 | 4 | 4 |
| 2.5 mm² | 2.5 | 2.5 | 2.5 | 2.5 |
| 1.5 mm² | 1.5 | 1.5 | 1.5 | 1.5 |
| 1 mm² | 1 | 1 | 1 | 1 |
| 0.75 mm² | 0.75 | 0.75 | 0.75 | 0.75 |
| 0.5 mm² | 0.5 | 0.5 | 0.5 | 0.5 |
| 0.35 mm² | 0.35 | 0.35 | 0.35 | 0.35 |
| 0.25 mm² | 0.25 | 0.25 | 0.25 | 0.25 |
| 0.18 mm² | 0.18 | 0.18 | 0.18 | 0.18 |
| 0.14 mm² | 0.14 | 0.14 | 0.14 | 0.14 |
| 0.1 mm² | 0.1 | 0.1 | 0.1 | 0.1 |
| 0.075 mm² | 0.075 | 0.075 | 0.075 | 0.075 |
| 0.06 mm² | 0.06 | 0.06 | 0.06 | 0.06 |
| 0.045 mm² | 0.045 | 0.045 | 0.045 | 0.045 |
| 0.035 mm² | 0.035 | 0.035 | 0.035 | 0.035 |
| 0.025 mm² | 0.025 | 0.025 | 0.025 | 0.025 |
| 0.018 mm² | 0.018 | 0.018 | 0.018 | 0.018 |
| 0.014 mm² | 0.014 | 0.014 | 0.014 | 0.014 |
| 0.01 mm² | 0.01 | 0.01 | 0.01 | 0.01 |
| 0.0075 mm² | 0.0075 | 0.0075 | 0.0075 | 0.0075 |
| 0.006 mm² | 0.006 | 0.006 | 0.006 | 0.006 |
| 0.0045 mm² | 0.0045 | 0.0045 | 0.0045 | 0.0045 |
| 0.0035 mm² | 0.0035 | 0.0035 | 0.0035 | 0.0035 |
| 0.0025 mm² | 0.0025 | 0.0025 | 0.0025 | 0.0025 |
| 0.0018 mm² | 0.0018 | 0.0018 | 0.0018 | 0.0018 |
| 0.0014 mm² | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| 0.001 mm² | 0.001 | 0.001 | 0.001 | 0.001 |
| 0.00075 mm² | 0.00075 | 0.00075 | 0.00075 | 0.00075 |
| 0.0006 mm² | 0.0006 | 0.0006 | 0.0006 | 0.0006 |
| 0.00045 mm² | 0.00045 | 0.00045 | 0.00045 | 0.00045 |
| 0.00035 mm² | 0.00035 | 0.00035 | 0.00035 | 0.00035 |
| 0.00025 mm² | 0.00025 | 0.00025 | 0.00025 | 0.00025 |
| 0.00018 mm² | 0.00018 | 0.00018 | 0.00018 | 0.00018 |
| 0.00014 mm² | 0.00014 | 0.00014 | 0.00014 | 0.00014 |
| 0.0001 mm² | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 0.000075 mm² | 0.000075 | 0.000075 | 0.000075 | 0.000075 |
| 0.00006 mm² | 0.00006 | 0.00006 | 0.00006 | 0.00006 |
| 0.000045 mm² | 0.000045 | 0.000045 | 0.000045 | 0.000045 |
| 0.000035 mm² | 0.000035 | 0.000035 | 0.000035 | 0.000035 |
| 0.000025 mm² | 0.000025 | 0.000025 | 0.000025 | 0.000025 |
| 0.000018 mm² | 0.000018 | 0.000018 | 0.000018 | 0.000018 |
| 0.000014 mm² | 0.000014 | 0.000014 | 0.000014 | 0.000014 |
| 0.00001 mm² | 0.00001 | 0.00001 | 0.00001 | 0.00001 |
| 0.0000075 mm² | 0.0000075 | 0.0000075 | 0.0000075 | 0.0000075 |
| 0.000006 mm² | 0.000006 | 0.000006 | 0.000006 | 0.000006 |
| 0.0000045 mm² | 0.0000045 | 0.0000045 | 0.0000045 | 0.0000045 |
| 0.0000035 mm² | 0.0000035 | 0.0000035 | 0.0000035 | 0.0000035 |
| 0.0000025 mm² | 0.0000025 | 0.0000025 | 0.0000025 | 0.0000025 |
| 0.0000018 mm² | 0.0000018 | 0.0000018 | 0.0000018 | 0.0000018 |
| 0.0000014 mm² | 0.0000014 | 0.0000014 | 0.0000014 | 0.0000014 |
| 0.000001 mm² | 0.000001 | 0.000001 | 0.000001 | 0.000001 |
| 0.00000075 mm² | 0.00000075 | 0.00000075 | 0.00000075 | 0.00000075 |
| 0.0000006 mm² | 0.0000006 | 0.0000006 | 0.0000006 | 0.0000006 |
| 0.00000045 mm² | 0.00000045 | 0.00000045 | 0.00000045 | 0.00000045 |
| 0.00000035 mm² | 0.00000035 | 0.00000035 | 0.00000035 | 0.00000035 |
| 0.00000025 mm² | 0.00000025 | 0.00000025 | 0.00000025 | 0.00000025 |
| 0.00000018 mm² | 0.00000018 | 0.00000018 | 0.00000018 | 0.00000018 |
| 0.00000014 mm² | 0.00000014 | 0.00000014 | 0.00000014 | 0.00000014 |
| 0.0000001 mm² | 0.0000001 | 0.0000001 | 0.0000001 | 0.0000001 |
| 0.000000075 mm² | 0.000000075 | 0.000000075 | 0.000000075 | 0.000000075 |
| 0.00000006 mm² | 0.00000006 | 0.00000006 | 0.00000006 | 0.00000006 |
| 0.000000045 mm² | 0.000000045 | 0.000000045 | 0.000000045 | 0.000000045 |
| 0.000000035 mm² | 0.000000035 | 0.000000035 | 0.000000035 | 0.000000035 |
| 0.000000025 mm² | 0.000000025 | 0.000000025 | 0.000000025 | 0.000000025 |
| 0.000000018 mm² | 0.000000018 | 0.000000018 | 0.000000018 | 0.000000018 |
| 0.000000014 mm² | 0.000000014 | 0.000000014 | 0.000000014 | 0.000000014 |
| 0.00000001 mm² | 0.00000001 | 0.00000001 | 0.00000001 | 0.00000001 |
| 0.0000000075 mm² | 0.0000000075 | 0.0000000075 | 0.0000000075 | 0.0000000075 |
| 0.000000006 mm² | 0.000000006 | 0.000000006 | 0.000000006 | 0.000000006 |
| 0.0000000045 mm² | 0.0000000045 | 0.0000000045 | 0.0000000045 | 0.0000000045 |
| 0.0000000035 mm² | 0.0000000035 | 0.0000000035 | 0.0000000035 | 0.0000000035 |
| 0.0000000025 mm² | 0.0000000025 | 0.0000000025 | 0.0000000025 | 0.0000000025 |
| 0.0000000018 mm² | 0.0000000018 | 0.0000000018 | 0.0000000018 | 0.0000000018 |
| 0.0000000014 mm² | 0.0000000014 | 0.0000000014 | 0.0000000014 | 0.0000000014 |
| 0.000000001 mm² | 0.000000001 | 0.000000001 | 0.000000001 | 0.000000001 |
| 0.00000000075 mm² | 0.00000000075 | 0.00000000075 | 0.00000000075 | 0.00000000075 |
| 0.0000000006 mm² | 0.0000000006 | 0.0000000006 | 0.0000000006 | 0.0000000006 |
| 0.00000000045 mm² | 0.00000000045 | 0.00000000045 | 0.00000000045 | 0.00000000045 |
| 0.00000000035 mm² | 0.00000000035 | 0.00000000035 | 0.00000000035 | 0.00000000035 |
| 0.00000000025 mm² | 0.00000000025 | 0.00000000025 | 0.00000000025 | 0.00000000025 |
| 0.00000000018 mm² | 0.00000000018 | 0.00000000018 | 0.00000000018 | 0.00000000018 |
| 0.00000000014 mm² | 0.00000000014 | 0.00000000014 | 0.00000000014 | 0.00000000014 |
| 0.0000000001 mm² | 0.0000000001 | 0.0000000001 | 0.0000000001 | 0.0000000001 |
| 0.000000000075 mm² | 0.000000000075 | 0.000000000075 | 0.000000000075 | 0.000000000075 |
| 0.00000000006 mm² | 0.00000000006 | 0.00000000006 | 0.00000000006 | 0.00000000006 |
| 0.000000000045 mm² | 0.000000000045 | 0.000000000045 | 0.000000000045 | 0.000000000045 |
| 0.000000000035 mm² | 0.000000000035 | 0.000000000035 | 0.000000000035 | 0.000000000035 |
| 0.000000000025 mm² | 0.000000000025 | 0.000000000025 | 0.000000000025 | 0.000000000025 |
| 0.000000000018 mm² | 0.000000000018 | 0.000000000018 | 0.000000000018 | 0.000000000018 |
| 0.000000000014 mm² | 0.000000000014 | 0.000000000014 | 0.000000000014 | 0.000000000014 |
| 0.00000000001 mm² | 0.00000000001 | 0.00000000001 | 0.00000000001 | 0.00000000001 |
| 0.0000000000075 mm² | 0.0000000000075 | 0.0000000000075 | 0.0000000000075 | 0.0000000000075 |
| 0.000000000006 mm² | 0.000000000006 | 0.000000000006 | 0.000000000006 | 0.000000000006 |
| 0.0000000000045 mm² | 0.0000000000045 | 0.0000000000045 | 0.0000000000045 | 0.0000000000045 |
| 0.0000000000035 mm² | 0.0000000000035 | 0.0000000000035 | 0.0000000000035 | 0.0000000000035 |
| 0.0000000000025 mm² | 0.0000000000025 | 0.0000000000025 | 0.0000000000025 | 0.0000000000025 |
| 0.0000000000018 mm² | 0.0000000000018 | 0.0000000000018 | 0.0000000000018 | 0.0000000000018 |
| 0.0000000000014 mm² | 0.0000000000014 | 0.0000000000014 | 0.0000000000014 | 0.0000000000014 |
| 0.000000000001 mm² | 0.000000000001 | 0.000000000001 | 0.000000000001 | 0.000000000001 |
| 0.00000000000075 mm² | 0.00000000000075 | 0.00000000000075 | 0.00000000000075 | 0.00000000000075 |
| 0.0000000000006 mm² | 0.0000000000006 | 0.0000000000006 | 0.0000000000006 | 0.0000000000006 |
| 0.00000000000045 mm² | 0.00000000000045 | 0.00000000000045 | 0.00000000000045 | 0.00000000000045 |
| 0.00000000000035 mm² | 0.00000000000035 | 0.00000000000035 | 0.00000000000035 | 0.00000000000035 |
| 0.00000000000025 mm² | 0.00000000000025 | 0.00000000000025 | 0.00000000000025 | 0.00000000000025 |
| 0.00000000000018 mm² | 0.00000000000018 | 0.00000000000018 | 0.00000000000018 | 0.00000000000018 |
| 0.00000000000014 mm² | 0.00000000000014 | 0.00000000000014 | 0.00000000000014 | 0.00000000000014 |
| 0.0000000000001 mm² | 0.0000000000001 | 0.0000000000001 | 0.0000000000001 | 0.0000000000001 |
| 0.000000000000075 mm² | 0.000000000000075 | 0.000000000000075 | 0.000000000000075 | 0.000000000000075 |
| 0.00000000000006 mm² | 0.00000000000006 | 0.00000000000006 | 0.00000000000006 | 0.00000000000006 |
| 0.000000000000045 mm² | 0.000000000000045 | 0.000000000000045 | 0.000000000000045 | 0.000000000000045 |
| 0.000000000000035 mm² | 0.000000000000035 | 0.000000000000035 | 0.000000000000035 | 0.000000000000035 |
| 0.000000000000025 mm² | 0.000000000000025 | 0.000000000000025 | 0.000000000000025 | 0.000000000000025 |
| 0.000000000000018 mm² | 0.000000000000018 | 0.000000000000018 | 0.000000000000018 | 0.000000000000018 |
| 0.000000000000014 mm² | 0.000000000000014 | 0.000000000000014 | 0.000000000000014 | 0.000000000000014 |
| 0.00000000000001 mm² | 0.00000000000001 | 0.00000000000001 | 0.00000000000001 | 0.00000000000001 |
| 0.0000000000000075 mm² | 0.0000000000000075 | 0.0000000000000075 | 0.0000000000000075 | 0.0000000000000075 |
| 0.000000000000006 mm² | 0.000000000000006 | 0.000000000000006 | 0.000000000000006 | 0.000000000000006 |
| 0.0000000000000045 mm² | 0.0000000000000045 | 0.0000000000000045 | 0.0000000000000045 | 0.0000000000000045 |
| 0.0000000000000035 mm² | 0.0000000000000035 | 0.0000000000000035 | 0.0000000000000035 | 0.0000000000000035 |
| 0.0000000000000025 mm² | 0.0000000000000025 | 0.0000000000000025 | 0.0000000000000025 | 0.0000000000000025 |
| 0.0000000000000018 mm² | 0.0000000000000018 | 0.0000000000000018 | 0.0000000000000018 | 0.0000000000000018 |
| 0.0000000000000014 mm² | 0.0000000000000014 | 0.0000000000000014 | 0.0000000000000014 | 0.0000000000000014 |
| 0.000000000000001 mm² | 0.000000000000001 | 0.000000000000001 | 0.000000000000001 | 0.000000000000001 |
| 0.00000000000000075 mm² | 0.00000000000000075 | 0.00000000000000075 | 0.00000000000000075 | 0 |

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Tartozékok

Keresztösszekötő



Általános rendelési adatok

| | | |
|----------------|----------------------------|--|
| Típus | WQB WPD X08-09/2 | Változat |
| Rendelési szám | 1561900000 | Keresztösszekötő (kapocs), Dugaszolt, szürke, 353 A, Pólusszám: 2, |
| GTIN (EAN) | 4050118367096 | Raszter mm-ben (P): 51.10, Szigetelt: Igen, Szélesség: 74.6 mm |
| Qty. | 3 Stück | |

Dugókulcs készletek

Imbuszkulcs edzett króm-vanádium-acélból, gyártás a DIN ISO 2936 L (DIN 911) szerint, a felület jó minőségű nemesített kivitelű.



Általános rendelési adatok

| | | |
|----------------|----------------------------|-------------|
| Típus | SKS 2,0-8,0 MR | Változat |
| Rendelési szám | 6008870000 | Imbuszkulcs |
| GTIN (EAN) | 4032248266623 | |
| Qty. | 1 Stück | |

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Tartozékok

Lapos csavarhúzó



Hornyos csavarhúzó lekerekített pengével SD DIN 5265, ISO 2380/2, behajtó a DIN 5264, ISO 2380/1 szerint.
Chrom Top hegy, SoftFinish markolat

Általános rendelési adatok

| | | |
|----------------|----------------------------|------------------------|
| Típus | SDS 0.6X3.5X100 | Változat |
| Rendelési szám | 6008330000 | Csavarhúzó, Csavarhúzó |
| GTIN (EAN) | 4032248056286 | |
| Qty. | 1 Stück | |

Power distribution

Screw connection

W-Series

WPD 109 1X185/2X35+3X25+4X16 GY



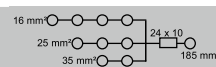
WPD 109

185 mm²



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

55.1 / 77 / 95
353 / 185
50...185



Technical data

| Rated data | | |
|------------------------|---------------------|-----------------|
| Rated voltage | V | |
| Rated current | A | |
| for wire cross-section | 185 mm ² | mm ² |

Rated impulse withstand voltage / Pollution severity

Overvoltage category / UL 94 flammability rating

Approvals

Clamped conductors (H05V/H07V)

| | | |
|-------------------------------|---------------------|-----------------|
| Solid / Stranded | 185 mm ² | mm ² |
| | 35 mm ² | mm ² |
| | 25 mm ² | mm ² |
| | 16 mm ² | mm ² |
| Flexible with ferrule | 185 mm ² | mm ² |
| | 35 mm ² | mm ² |
| | 25 mm ² | mm ² |
| | 16 mm ² | mm ² |
| Stripping length / Blade size | 185 mm | mm/- |
| | 35 mm | mm/- |
| | 25 mm | mm ² |
| | 16 mm | mm ² |
| Tightening torque | | Nm |

Note

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

| IEC | UL | CSA | EN 60079-7 |
|-----------|------------------------|------------------------|------------|
| 1000 | 600 | 600 | 880 |
| 353 | 310 | 310 | 353 |
| 185 | AWG 2/0...kcmil 350 | AWG 2/0...kcmil 350 | 185 |
| 8 kV / 3 | | | |
| III / V-0 | | | |

Bemessungsanschluss

| |
|-----------------------------|
| 70...185 / 70...185 |
| 4...35 / 4...35 |
| 2.5...25 / 2.5...25 |
| 1.5...16 / 1.5...16 |
| 50...150 |
| 2.5...25 |
| 1.5...16 |
| 1.5...10 |
| 27 / M14 |
| 18 / M8 |
| 12 / M6 |
| 12 / M6 |
| siehe Anhang am Kapitelende |

Ordering data

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

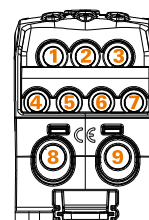
Note

| Type | Qty. | Order No. |
|---------------------------------|------|------------|
| WPD 109 1x185/2x35+3x25+4x16 GY | 1 | 1562090000 |
| WPD 109 1x185/2x35+3x25+4x16 BL | 1 | 2519490000 |
| WPD 109 1x185/2x35+3x25+4x16 RD | 1 | 2725270000 |
| WPD 109 1x185/2x35+3x25+4x16 BK | 1 | 2725370000 |

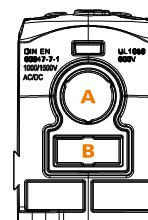
Accessories

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

| Type | Qty. | Order No. |
|-------------------|------|------------|
| WQB WPD X08-09/2 | 20 | 1561900000 |
| 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 |








output

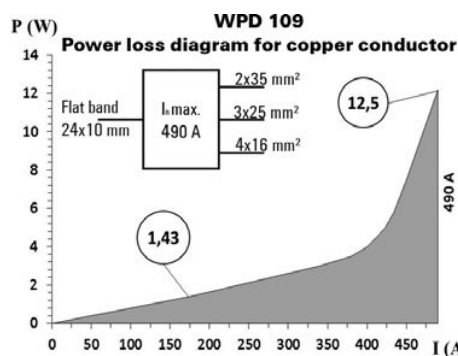














input

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






| connection point A | | | | | CP** B |
|---|---|---|---|---|---|
| Input | Copper | | Aluminium* | | Copper |
| |  |  |  |  |  |
| 120 mm ² | 19 Nm | | | | |
| 95 mm ² | | | | | |
| 70 mm ² | | 19 Nm | 22,6 Nm | 22,6 Nm | |
| 50 mm ² | | | | | |
| 35 mm ² | | | | | |
| 25 mm ² | | | | | |
| Flat band 24x10mm | | | | | 3 Nm |
| Stripping lengths | 27 mm | | | | 22 mm |
| Allen screw | M14 | | | | M6 |
| * Values according to UL 1059 ** CP - connection point | | | | | |

* Values according to UL 1059 ** CP - connection point








| Output | connection point 1 / 2 / 3 | | | | connection point 4 / 5 / 6 / 7 | | | | connection point 8 / 9 | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| | Copper | | Aluminium* | | Copper | | Aluminium* | | Copper | | Aluminium* | |
| |  |  |  |  |  |  |  |  |  |  |  |  |
| 35 mm² | 2 Nm | 2 Nm | 5,1 Nm | 5,1 Nm | 2 Nm | 2 Nm | | | 2,5 Nm | 2,5 Nm | 11,3 Nm | 11,3 Nm |
| 25 mm² | | | | | | | | | | | | |
| 16 mm² | | | | | | | | | | | | |
| 10 mm² | | | | | | | | | | | | |
| 6 mm² | | | | | | | | | | | | |
| 4 mm² | | | | | | | | | | | | |
| 2.5 mm² | | | | | | | | | | | | |
| 1.5 mm² | | | | | | | | | | | | |
| Stripping lengths | 12 mm | | | | 12 mm | | | | 18 mm | | | |
| Allen screw | M6 | | | | M6 | | | | M8 | | | |
| * Values according to UL 1059 | | | | | | | | | | | | |

* Values according to UL 1059

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped
  Flat band

UL Rating data according to UL 1059













| Certificate no. (UR) | XCFR2.E60693 | | | | |
|-------------------------|---|---|---|---|---|
| | connection point A | | | | CP* B |
| Input (line) | Copper | | Aluminium | | Copper |
| |  |  |  |  |  |
| kcmil 250 | 168.2 Lb In. | | 200 Lb In. | | |
| AWG 4/0 | | | | | |
| AWG 3/0 | | | | | |
| AWG 2/0 | | 168.2 Lb In. | | 200 Lb In. | |
| AWG 1/0 | | | | | |
| AWG 2 | | | | | |
| AWG 4 | | | | | |
| Flat band 24x10 mm | | | | | |
| max. current | 250 A | 200 A | 155 A | 205 A | 250 A |
| Voltage size B,C (UR) | 600 V | | | | |
| * CP - connection point | | | | | |



* CP - connection point

CSA rating data according to CSA 22.2 No. 158

| Certificate No. (CSA) | 269832 | | | |
|-----------------------|----------------|-----------|-----------------------|-------|
| | Input CP* A | CP* 1/2/3 | Output CP* 4/5/6/7 | CP* B |
| kcmil 250 | 19 Nm | | | 6 Nm |
| AWG 2 | 19 Nm | | | |
| AWG 4 | | | | |
| AWG 6 | | | | |
| AWG 8 | | | | |
| AWG 10 | | | | |
| AWG 12 | | | | |
| AWG 14 | | | | |
| AWG 16 | | | | |
| max. current | 255 A | 85 A | 65 A | 115 A |
| Voltage size C (CSA) | 600 V | | | |

* CP - connection point

| Output | connection point 1 / 2 / 3 | | | | connection point 4 / 5 / 6 / 7 | | | | connection point 8 / 9 | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| | Copper | | Aluminium | | Copper | | Aluminium | | Copper | | Aluminium | |
| |  |  |  |  |  |  |  |  |  |  |  |  |
| AWG 2 | 22.6 Lb In. | 22.6 Lb In. | 45.1 Lb In. | 45.1 Lb In. | 22.6 Lb In. | 22.6 Lb In. | | | 53.1 Lb In. | 53.1 Lb In. | 100 Lb In. | 100 Lb In. |
| AWG 4 | | | | | | | | | | | | |
| AWG 6 | | | | | | | | | | | | |
| AWG 8 | | | | | | | | | | | | |
| AWG 10 | | | | | | | | | | | | |
| AWG 12 | | | | | | | | | | | | |
| AWG 14 | | | | | | | | | | | | |
| AWG 16 | | | | | | | | | | | | |
| max. current | 85 A | 65 A | 65 A | 50 A | 65 A | 50 A | 50 A | | 115 A | 85 A | 90 A | 65 A |
| Voltage size B,C (UR) | | | | | 600 V | | | | | | | |

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped
  Flat band