

WPD 132 1X185/1X185 BN

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

www.weidmueller.com

Illustration du produit

Les blocs de jonction d'alimentation électrique Klippon® Connect WPD permettent une installation facile et sûre des conducteurs en aluminium et en cuivre avec un faible encombrement. Une alimentation auxiliaire ou un raccordement de surveillance peut être utilisé(e) en option. Les clients peuvent utiliser les blocs de jonction d'alimentation électrique WPD indépendamment du matériel du conducteur. Ils peuvent être montés directement ou sur le rail DIN TS35.

Informations générales de commande

| | |
|------------|---|
| Version | Série W, Bloc répartiteur, Section nominale: 185 mm ² , Rail/plaque de montage |
| Référence | 2502780000 |
| Type | WPD 132 1X185/1X185 BN |
| GTIN (EAN) | 4050118516609 |
| Qté. | 1 pièce(s) |

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Caractéristiques techniques

Dimensions et poids

| | | | |
|------------|---------|---------------------|------------|
| Profondeur | 73,5 mm | Profondeur (pouces) | 2,894 inch |
| Hauteur | 105 mm | Hauteur (pouces) | 4,134 inch |
| Largeur | 37,5 mm | Largeur (pouces) | 1,476 inch |
| Poids net | 204 g | | |

Températures

| | | | |
|--|----------------|--|--------|
| Température de stockage | -25 °C...55 °C | Température d'utilisation permanente, min. | -50 °C |
| Température d'utilisation permanente, max. | 120 °C | | |

Classifications

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

Caractéristiques nominales selon IECEx/ATEX

| | | | |
|-----------------------------------|---------------------|-----------------------|------------------|
| Certificat N° (ATEX) | CNEX18ATEX0016U | Certificat N° (IECEX) | IECEXNEX18.0010U |
| Tension max. (ATEX) | 1100 V | Courant (ATEX) | 353 A |
| Section max. du conducteur (ATEX) | 185 mm ² | Tension max. (IECEX) | 1100 V |
| Courant (IECEX) | 353 A | | |

Autres caractéristiques techniques

| | | | |
|------------------------|------------------------|-----------------|-------|
| Instruction de montage | Rail/plaque de montage | Type de montage | monté |
|------------------------|------------------------|-----------------|-------|

Caractéristiques des matériaux

| | | | |
|-------------------------------------|-------|---------|------|
| Matériau | Wemid | Couleur | brun |
| Classe d'inflammabilité selon UL 94 | V-0 | | |

Caractéristiques du système

| | | | |
|---------|--------------------|-----------------|---|
| Version | Raccordement vissé | Nombre d'étages | 1 |
|---------|--------------------|-----------------|---|

Caractéristiques nominales

| | | | |
|---|---------------------|------------------------------------|-----------------------------|
| Section nominale | 185 mm ² | Tension nominale | 1 000 V |
| Tension nominale AC | 1 000 V AC | Tension nominale DC | 1 000 V DC |
| Courant nominal | 353 A | Normes | IEC 60947-7-1, UL 1059, CSA |
| Résistance de passage selon CEI 60947-7-x | 0,09 mΩ | Tension de choc nominale | 8 kV |
| Puissance dissipée conformément à CEI 60947-7-x | 11,3 W | Tenue aux courants de faible durée | 8/20µs avec 50 kA |
| Catégorie de surtension | III | Degré de pollution | 3 |

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Caractéristiques techniques

Généralités

| | | | |
|------------------------|-----------------------------|-----------------|---|
| Instruction de montage | Rail/plaque de montage | Nombre de pôles | 1 |
| Normes | IEC 60947-7-1, UL 1059, CSA | | |

Note importante

Informations sur le produit Vous trouverez de plus amples informations dans la section des téléchargements du catalogue en ligne

Agréments

Agréments



ROHS

Conforme

Téléchargements

| | |
|--|---|
| Agrément/Certificat/Document de conformité | UKCA Ex Attestation of Conformity CB Certificate FIMKO certificate EAC EX Certificate CCC Ex Certificate ATEX Certificate IECEX Certificate DNV Certificate UKCA Ex Certificate CE Declaration of Conformity UKCA Declaration of Conformity |
| Données techniques | CAD data – STEP |
| Données techniques | EPLAN |
| Documentation utilisateur | DATA SHEET WPD 132 StorageConditionsTerminalBlocks NTI WPD 132 |
| Catalogue | Catalogues in PDF-format |

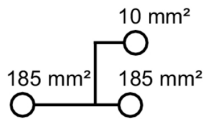
Fiche de données

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Dessins



Power feed-in
Screw connection

W-Series
WPD 132 1X185/1X185 GY



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

WPD 132

185 mm²



| | |
|-------------------|--|
| 37,5 / 73,5 / 105 | |
| 353 / 185 | |
| 25...185 | |

WPD 232

185 mm²



| | |
|-------------------|--|
| 67,6 / 73,5 / 105 | |
| 353 / 185 | |
| 25...185 | |

Technical data

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

IEC 60947-7-1

| IEC | UL | CSA | EN 60079-7 |
|-----------|-------------------|-------------------|------------|
| 1000 | 1000 | 1000 | 1100 |
| 353 | 310 | 310 | 353 |
| 185 | AWG 4...kcmil 350 | AWG 4...kcmil 350 | 185 |
| 6 | AWG 16...8 | AWG 16...8 | 6 |
| 8 kV / 3 | | | |
| III / V-0 | | | |

| Rated connection | |
|--|--|
| 95...185 / 95...185 | |
| 1.5...10 / 1.5...10 | |
| 25...150 | |
| 1.5...6 | |
| 29 / M18 (SW 10) | |
| 10 / M4 (+/- PZ2) | |
| see appendix at the end of the chapter | |

IEC 60947-7-1

| IEC | UL | CSA | EN 60079-7 |
|-----------|-------------------|-------------------|------------|
| 1000 | 1000 | 1000 | 1100 |
| 706 | 310 | 310 | 353 |
| 185 | AWG 4...kcmil 350 | AWG 4...kcmil 350 | 185 |
| 6 | AWG 16...8 | AWG 16...8 | 6 |
| 8 kV / 3 | | | |
| III / V-0 | | | |

| Rated connection | |
|--|--|
| 95...185 / 95...185 | |
| 1.5...10 / 1.5...10 | |
| 25...150 | |
| 1.5...6 | |
| 29 / M18 (SW 10) | |
| 10 / M4 (+/- PZ2) | |
| see appendix at the end of the chapter | |

B



Ordering data

| Version | |
|-------------|--|
| light grey | |
| blue | |
| green | |
| brown | |
| black | |
| Note | |

| Type | Qty. | Order No. |
|------------------------|------|------------|
| WPD 132 1X185/1X185 GY | 1 | 2502750000 |
| WPD 132 1X185/1X185 BL | 1 | 2502760000 |
| WPD 132 1X185/1X185 GN | 1 | 2502770000 |
| WPD 132 1X185/1X185 BN | 1 | 2502780000 |
| WPD 132 1X185/1X185 BK | 1 | 2502790000 |

| Type | Qty. | Order No. |
|------------------------|------|------------|
| WPD 232 2X185/2X185 GY | 1 | 2502800000 |
| WPD 232 2X185/2X185 BL | 1 | 2502810000 |
| WPD 232 2X185/2X185 GN | 1 | 2502820000 |
| WPD 232 2X185/2X185 BN | 1 | 2502830000 |
| WPD 232 2X185/2X185 BK | 1 | 2502840000 |











Accessories








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

| Type | Qty. | Order No. |
|-------------------|------|------------|
| WPDPC X32 GY | 12 | 2503380000 |
| WEW 35/2 GR 7042 | 100 | 1859200000 |
| AEB 35 SC/1 BK | 50 | 2475310000 |
| SK WSD-S 1,5-10,0 | 1 | 9008850000 |
| DEK 5/5 MC NE WS | 1000 | 1609801044 |
| WS 8/5 MM WS | 800 | 2007150000 |



| Type | Qty. | Order No. |
|-------------------|------|------------|
| WPDPC X32 GY | 12 | 2503380000 |
| WEW 35/2 GR 7042 | 100 | 1859200000 |
| AEB 35 SC/1 BK | 50 | 2475310000 |
| SK WSD-S 1,5-10,0 | 1 | 9008850000 |
| DEK 5/5 MC NE WS | 1000 | 1609801044 |
| WS 8/5 MM WS | 800 | 2007150000 |



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

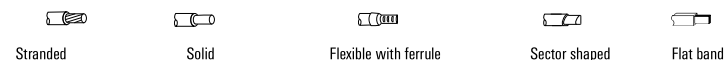
| Input (x1) / Output (x1) | Copper | | | Aluminium | |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| 185 mm ² | 25 Nm | 25 Nm |  | 30,9 Nm | 30,9 Nm |
| 150 mm ² | | | | | |
| 120 mm ² | | | | | |
| 95 mm ² | | | | | |
| 70 mm ² | 20 Nm |  |  |  |  |
| 50 mm ² | | | | | |
| 35 mm ² | | | | | |
| 25 mm ² | | | | | |
| Flat band 10x15,5x0,8 mm | | | 30,9 Nm | | |
| max. current with 2 x 185 mm ² (acc. to IEC) | 706 A | | | 284 A | |
| Stripping lengths | 29 mm | | | | |
| Allen screw | M18 (SW 10 mm) | | | | |

| Input (x1) / Output (x1) | Copper | | Aluminium | |
|--|---|---|---|---|
| |  |  |  |  |
| 350 kcmil | 250Lb In. | 250Lb In. | 398Lb In. | 398Lb In. |
| 300 kcmil | | | | |
| 250 kcmil | | | | |
| AWG 3/0 | | | | |
| AWG 2/0 | 200Lb In. |  |  |  |
| AWG 1/0 | | | | |
| AWG 2 | | | | |
| AWG 4 | | | | |
| max. current with 1 x 185 mm ² (acc. to UL) | 310 A | | 250 A | |
| Stripping lengths | 29 mm | | | |
| Allen screw | M18 (SW 10 mm) | | | |

Auxiliary connection

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

| Copper | | |
|---|---|--|
|  |  | |
| AWG 8 | 20.3Lb In. | |
| AWG 10 | | |
| AWG 12 | | |
| AWG 14 | | |
| AWG 16 | | |
| max. current | 57 A | |
| Stripping lengths | 10 mm | |
| screw | M4 (+/- PZ2) | |



Diagrams

