

WPD 233 2X300/2X300 GY

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: 300 mm ² , Rail/plaque de montage |
| Référence | 2502900000 |
| Type | WPD 233 2X300/2X300 GY |
| GTIN (EAN) | 4050118516722 |
| Qté. | 1 pièce(s) |

WPD 233 2X300/2X300 GY
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Caractéristiques techniques
Dimensions et poids

| | | | |
|------------|---------|---------------------|------------|
| Profondeur | 83,5 mm | Profondeur (pouces) | 3,287 inch |
| Hauteur | 118 mm | Hauteur (pouces) | 4,646 inch |
| Largeur | 82,6 mm | Largeur (pouces) | 3,252 inch |
| Poids net | 628 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) | IECEXCNEX18.0010U |
| Tension max. (ATEX) | 1100 V | Courant (ATEX) | 520 A |
| Section max. du conducteur (ATEX) | 300 mm ² | Tension max. (IECEX) | 1100 V |
| Courant (IECEX) | 520 A | | |

Autres caractéristiques techniques

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

Caractéristiques des matériaux

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

Caractéristiques du système

| | | | |
|---------------------------------------|--------------------|---------------------------------|-----|
| Version | Raccordement vissé | Flasque de fermeture nécessaire | Non |
| Nombre de polarités | 1 | Nombre d'étages | 1 |
| Nombre de points de contact par étage | 4 | Raccordement PE | Non |

Caractéristiques nominales

| | | | |
|---|---------------------|------------------------------------|-----------------------------|
| Section nominale | 300 mm ² | Tension nominale | 1 000 V |
| Tension nominale AC | 1 000 V AC | Tension nominale DC | 1 000 V DC |
| Courant nominal | 520 A | Normes | IEC 60947-7-1, UL 1059, CSA |
| Résistance de passage selon CEI 60947-7-x | 0,06 mΩ | Tension de choc nominale | 8 kV |
| Puissance dissipée conformément à CEI 60947-7-x | 16,64 W | Tenue aux courants de faible durée | 8/20µs avec 50 kA |
| Catégorie de surtension | III | Degré de pollution | 3 |

Date de création 7 novembre 2022 14:25:18 CET

Niveau du catalogue 25.10.2022 / Toutes modifications techniques réservées

2

WPD 233 2X300/2X300 GY

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

www.weidmueller.com

Caractéristiques techniques
Caractéristiques nominales selon UL

Certificat N° (cURus) E60693

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 |
| UL File Number Search | Site Web UL |
| Certificat N° (cURus) | E60693 |

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 233 StorageConditionsTerminalBlocks NTI WPD 233 |
| Catalogue | Catalogues in PDF-format |

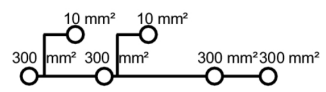
Fiche de données

WPD 233 2X300/2X300 GY

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

www.weidmueller.com

Dessins



Power feed-in Screw connection

W-Series

WPD 133 1X300/1X300 GY



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

Technical data

| Rated data | |
|--|--|
| Rated voltage | V |
| Rated current | A |
| for wire cross-section | 300 mm ² mm ² |
| | Auxiliary connection 6 mm ² mm ² |
| Rated impulse withstand voltage / Pollution severity | |
| Overvoltage category / UL 94 flammability rating | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| Solid / Stranded | 300 mm ² mm ² |
| | Auxiliary connection 6 mm ² mm ² |
| Flexible with ferrule | 300 mm ² mm ² |
| | Auxiliary connection 6 mm ² mm ² |
| Stripping length / Blade size | 300 mm ² mm/- |
| | Auxiliary connection 6 mm ² mm/- |
| Tightening torque | Nm |
| Note | |

Ordering data

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

Accessories

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

WPD 133

300 mm²



| | |
|-----------------|--|
| 45 / 83.5 / 118 | |
| 520 / 300 | |
| 35...300 | |

IEC 60947-7-1

| IEC | UL | CSA | EN 60079-7 |
|-----------|-------------------|-------------------|------------|
| 1000 | 1000 | 1000 | 1100 |
| 520 | 420 | 420 | 340 |
| 300 | AWG 2...kcmil 600 | AWG 2...kcmil 600 | 300 |
| 6 | AWG 16...8 | AWG 16...8 | 6 |
| 8 kV / 3 | | | |
| III / V-0 | | | |

| Rated connection | |
|--|--|
| 150...300 / 150...300 | |
| 1.5...10 / 1.5...10 | |
| 35...240 | |
| 1.5...6 | |
| 34 / M24 (SW 12) | |
| 10 / M4 (+/- PZ2) | |
| see appendix at the end of the chapter | |

| Type | Qty. | Order No. |
|------------------------|------|------------|
| WPD 133 1X300/1X300 GY | 1 | 2502850000 |
| WPD 133 1X300/1X300 BL | 1 | 2502860000 |
| WPD 133 1X300/1X300 GN | 1 | 2502870000 |
| WPD 133 1X300/1X300 BN | 1 | 2502880000 |
| WPD 133 1X300/1X300 BK | 1 | 2502890000 |

| Type | Qty. | Order No. |
|-------------------|------|------------|
| WPDPC X33 GY | 8 | 2503390000 |
| 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 |

WPD 233

300 mm²



| | |
|-------------------|--|
| 82.6 / 83.5 / 118 | |
| 520 / 300 | |
| 35...300 | |

IEC 60947-7-1












| IEC | UL | CSA | EN 60079-7 |
|-----------|-------------------|-------------------|------------|
| 1000 | 1000 | 1000 | 1100 |
| 1040 | 420 | 420 | 340 |
| 300 | AWG 2...kcmil 600 | AWG 2...kcmil 600 | 300 |
| 6 | AWG 16...8 | AWG 16...8 | 6 |
| 8 kV / 3 | | | |
| III / V-0 | | | |








| Rated connection | |
|--|--|
| 150...300 / 150...300 | |
| 1.5...10 / 1.5...10 | |
| 35...240 | |
| 1.5...6 | |
| 34 / M24 (SW 12) | |
| 10 / M4 (+/- PZ2) | |
| see appendix at the end of the chapter | |

| Type | Qty. | Order No. |
|------------------------|------|------------|
| WPD 233 2X300/2X300 GY | 1 | 2502900000 |
| WPD 233 2X300/2X300 BL | 1 | 2502910000 |
| WPD 233 2X300/2X300 GN | 1 | 2502920000 |
| WPD 233 2X300/2X300 BN | 1 | 2502930000 |
| WPD 233 2X300/2X300 BK | 1 | 2502940000 |



| Type | Qty. | Order No. |
|-------------------|------|------------|
| WPDPC X33 GY | 8 | 2503390000 |
| 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 | |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| 300 mm ² | 45 Nm |  |  | 65 Nm | 65 Nm |
| 240 mm ² | | | | | |
| 185 mm ² | | | | | |
| 150 mm ² | | | | | |
| 120 mm ² | 30 Nm |  |  | 65 Nm | 65 Nm |
| 95 mm ² | | | | | |
| 70 mm ² | | | | | |
| 50 mm ² | | | | | |
| 35 mm ² | 65 Nm |  |  | 65 Nm | 65 Nm |
| Flat band 10x20x1 mm | | | | | |
| Max. current with 2 x 300 mm ² (acc. to IEC) | 1040 A | | | 340 A | |
| Stripping lengths | 34 mm | | | | |
| Allen screw | M24 (SW 12 mm) | | | | |

| Input (x1) / Output (x1) | Copper | | Aluminium | |
|--|---|---|---|---|
| |  |  |  |  |
| 600 kcmil | 300Lb In. |  | 575Lb In. | 575Lb In. |
| 500 kcmil | | | | |
| 350 kcmil | | | | |
| 300 kcmil | | | | |
| 300 kcmil | 200Lb In. |  | 575Lb In. | 575Lb In. |
| 250 kcmil | | | | |
| AWG 3/0 | | | | |
| AWG 2/0 | | | | |
| AWG 1 | 200Lb In. |  | 575Lb In. | 575Lb In. |
| AWG 2 | | | | |
| Max. current at 1 x 300 mm ² (acc. to UL) | 420 A | | 340 A | |
| Stripping lengths | 34 mm | | | |
| Allen screw | M24 (SW 12 mm) | | | |

Auxiliary connection

| | Copper | |
|---------------------|---|---|
| |  |  |
| 10 mm ² | 1,2 Nm | 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. | 20.3Lb In. |
| AWG 10 | | |
| AWG 12 | | |
| AWG 14 | | |
| AWG 16 | | |
| max. current | 57 A | |
| Stripping lengths | 10 mm | |
| screw | M4 (+/- PZ2) | |



Drawings

