

WPD 133 1X300/1X300 GY**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

| | |
|------------|---|
| Version | W-Series, Distribution block, Rated cross-section: 300 mm ² , Terminal rail / mounting plate |
| Order No. | 2502850000 |
| Type | WPD 133 1X300/1X300 GY |
| GTIN (EAN) | 4050118516678 |
| Qty. | 1 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|----------------|------------|-----------------|------------|
| Depth | 83.5 mm | Depth (inches) | 3.287 inch |
| Height | 118 mm | Height (inches) | 4.646 inch |
| Net weight | 338 g | Width | 45 mm |
| Width (inches) | 1.772 inch | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 | | |

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | Light Grey |
| UL 94 flammability rating | V-0 | | |

Rating data IECEx/ATEX

| | | | |
|--------------------------------|---------------------|-------------------------|-------------------|
| Certificate No. (ATEX) | CNEX18ATEX0016U | Certificate No. (IECEX) | IECEXCNEX18.0010U |
| Max. voltage (ATEX) | 1100 V | Current (ATEX) | 520 A |
| Wire cross section max. (ATEX) | 300 mm ² | Max. voltage (IECEX) | 1100 V |
| Current (IECEX) | 520 A | | |

System specifications

| | | | |
|---------|------------------|------------------|---|
| Version | Screw connection | Number of levels | 1 |
|---------|------------------|------------------|---|

Additional technical data

| | | | |
|---------------------|--------------------------------|------------------|---------|
| Installation advice | Terminal rail / mounting plate | Type of mounting | Snap-on |
|---------------------|--------------------------------|------------------|---------|

General

| | | | |
|---------------------|--------------------------------|-----------------|---|
| Installation advice | Terminal rail / mounting plate | Number of poles | 1 |
| Standards | IEC 60947-7-1, UL 1059, CSA | | |

Rating data

| | | | |
|---|-----------------------------|--|---------------------|
| Power loss in accordance with IEC 60947-7-x | 16.64 W | Rated cross-section | 300 mm ² |
| Rated voltage | 1,000 | Rated AC voltage | 1,000 V AC |
| Rated DC voltage | 1,000 V DC | Rated current | 520 A |
| Standards | IEC 60947-7-1, UL 1059, CSA | Volume resistance according to IEC 60947-7-x | 0.06 mΩ |
| Rated impulse withstand voltage | 8 kV | Pollution severity | 3 |
| Surge voltage category | III | | |

UL rating data

| | |
|-------------------------|--------|
| Certificate No. (cURus) | E60693 |
|-------------------------|--------|

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Classifications

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

Important note

Product information You will find additional information in the downloadsection of the onlinecatalogue

Approvals

Approvals



| | |
|-----------------------|---------|
| ROHS | Conform |
| UL File Number Search | E60693 |

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | CB Certificate FIMKO certificate EAC EX Certificate CCC Ex Certificate CE declaration |
| Engineering Data | STEP |
| Engineering Data | EPLAN |
| User Documentation | DATA SHEET WPD 133 StorageConditionsTerminalBlocks NTI WPD 133 |

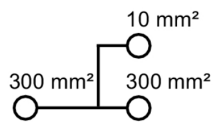
Data sheet

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Drawings



Technical data

Inputs

Number of connections

Solid

Stranded

Flexible with ferrule

Ribbon cable

Torque

Clamping screw

Stripping length

Outputs

Number of connections

Solid

Stranded

Flexible with ferrule

Torque

Clamping screw

Stripping length

Poles

Note

IEC 60947-7-1, UL 1059, CSA

| top | mid./left | mid./mid. | mid./right | bottom |
|-------------------------|-----------|--------------------------|------------|--------|
| | | 1 | | |
| | | 150...300mm ² | | |
| | | 150...300mm ² | | |
| | | 120...240mm ² | | |
| | | 45Nm | | |
| | | M 24 | | |
| | | 34mm | | |
| top | mid./left | mid./mid. | mid./right | bottom |
| 1 | | 1 | | |
| 1.5...10mm ² | | 150...300mm ² | | |
| 1.5...10mm ² | | 150...300mm ² | | |
| 1.5...6mm ² | | 120...240mm ² | | |
| 1.2Nm | | 45Nm | | |
| M 4 | | M 24 | | |
| 10mm | | 34mm | | |
| 1 | | | | |

Rated current with Cu conductors: 520 A