

**WPD 132 1X185/1X185 GN****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:<br>185 mm <sup>2</sup> , Terminal rail / mounting plate |
| Order No.  | <a href="#">2502770000</a>   |
| Type       | WPD 132 1X185/1X185 GN   |
| GTIN (EAN) | 4050118516593  |
| Qty.       | 1 pc(s).   |

Creation date March 29, 2021 6:04:07 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

## WPD 132 1X185/1X185 GN

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

### Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 73.5 mm    | Depth (inches)  | 2.894 inch |
| Height         | 105 mm     | Height (inches) | 4.134 inch |
| Net weight     | 204 g      | Width           | 37.5 mm    |
| Width (inches) | 1.476 inch |                 |            |

### Temperatures

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

### Material data

|                           |       |        |       |
|---------------------------|-------|--------|-------|
| Material                  | Wemid | Colour | green |
| UL 94 flammability rating | V-0   |        |       |

### Rating data IECEx/ATEX

|                                |                     |                         |                  |
|--------------------------------|---------------------|-------------------------|------------------|
| Certificate No. (ATEX)         | CNEX18ATEX0016U     | Certificate No. (IECEX) | IECEXNEX18.0010U |
| Max. voltage (ATEX)            | 1100 V              | Current (ATEX)          | 353 A            |
| Wire cross section max. (ATEX) | 185 mm <sup>2</sup> | Max. voltage (IECEX)    | 1100 V           |
| Current (IECEX)                | 353 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 | 11.3 W                      | Rated cross-section                          | 185 mm <sup>2</sup> |
| Rated voltage                               | 1,000                       | Rated AC voltage                             | 1,000 V AC          |
| Rated DC voltage                            | 1,000 V DC                  | Rated current                                | 250 A               |
| Standards                                   | IEC 60947-7-1, UL 1059, CSA | Volume resistance according to IEC 60947-7-x | 0.09 mΩ             |
| Rated impulse withstand voltage             | 8 kV                        | Pollution severity                           | 3                   |
| Surge voltage category                      | III                         |  |                     |

### UL rating data

|                              |        |                              |       |
|------------------------------|--------|------------------------------|-------|
| Certificate No. (UR)         | E60693 | Current size B (UR)          | 90 A  |
| Current size C (UR)          | 90 A   | Voltage size B (UR)          | 600 V |
| Voltage size C (UR)          | 600 V  | Wire cross section max. (UR) | 4 AWG |
| Wire cross section min. (UR) | 14 AWG |                              |       |

Creation date March 29, 2021 6:04:07 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

## WPD 132 1X185/1X185 GN

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

www.weidmueller.com

## Technical data

## 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 | <a href="#">CB Certificate</a><br><a href="#">FIMKO certificate</a><br><a href="#">EAC EX Certificate</a><br><a href="#">CCC Ex Certificate</a><br><a href="#">CE declaration</a> |
| Engineering Data                            | <a href="#">STEP</a>  |
| Engineering Data                            | <a href="#">EPLAN</a>   |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a><br><a href="#">NTI WPD 132</a>  |

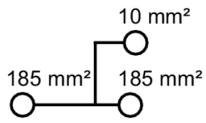
**Data sheet**

**WPD 132 1X185/1X185 GN**

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

[www.weidmueller.com](http://www.weidmueller.com)

**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                       |            |        |
|                         |           | 95...185mm <sup>2</sup> |            |        |
|                         |           | 95...185mm <sup>2</sup> |            |        |
|                         |           | 70...150mm <sup>2</sup> |            |        |
|                         |           | 25Nm                    |            |        |
|                         |           | M 18                    |            |        |
|                         |           | 29mm                    |            |        |
| top                     | mid./left | mid./mid.               | mid./right | bottom |
| 1                       |           | 1                       |            |        |
| 1.5...10mm <sup>2</sup> |           | 95...185mm <sup>2</sup> |            |        |
| 1.5...10mm <sup>2</sup> |           | 95...185mm <sup>2</sup> |            |        |
| 1.5...6mm <sup>2</sup>  |           | 70...150mm <sup>2</sup> |            |        |
| 1.2Nm                   |           | 25Nm                    |            |        |
| M 4                     |           | M 18                    |            |        |
| 10mm                    |           | 29mm                    |            |        |
| 1                       |           |                         |            |        |

Rated current with Cu conductors: 353 A