

**W-Series**  
**WPD 132 1X185/1X185 BL**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
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Germany  
Fon: +49 5231 14-0  
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[www.weidmueller.com](http://www.weidmueller.com)

**Product image****Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

|            |                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------|
| Type       | WPD 132 1X185/1X185 BL                                                                                  |
| Order No.  | <a href="#">2502760000</a>                                                                              |
| Version    | W-Series, Distribution block, Rated cross-section: 185 mm <sup>2</sup> , Terminal rail / mounting plate |
| GTIN (EAN) | 4050118516586                                                                                           |
| Qty.       | 1 pc(s).                                                                                                |

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## Technical data

### Dimensions and weights

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

### Temperatures

|                                  |               |                                  |        |
|----------------------------------|---------------|----------------------------------|--------|
| Storage temperature, max.        | 40 °C         | Storage temperature, min.        | 10 °C  |
| Storage temperature              | 10 °C...40 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C        |                                  |        |

### Material data

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

### System specifications

|                                                          |                                   |                                                             |                                      |
|----------------------------------------------------------|-----------------------------------|-------------------------------------------------------------|--------------------------------------|
| Version                                                  | Screw connection                  | Tightening torque (clamping screw for aluminium conductors) | 28.2 Nm (185 mm²) / 22.6 Nm (95 mm²) |
| Tightening torque (clamping screw for copper conductors) | 1.2 Nm (10 mm²) / 25 Nm (185 mm²) |                                                             |                                      |

### Additional technical data

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

### Rating data

|                                 |            |                    |                             |
|---------------------------------|------------|--------------------|-----------------------------|
| Rated cross-section             | 185 mm²    | Rated voltage      | 1,000 V                     |
| 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 |
| 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 |                              |       |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 5.0   | EC001329    | ETIM 6.0   | EC000897    |
| eClass 6.2 | 27-14-11-20 | eClass 7.1 | 27-14-11-20 |
| eClass 8.1 | 27-14-11-20 | eClass 9.0 | 27-14-11-20 |
| eClass 9.1 | 27-14-11-20 |            |             |

### Product information

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

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of  
Conformity

[CE declaration](#)

Engineering Data

[STEP](#)

User Documentation

[Additional Datasheet](#)

### Safety note

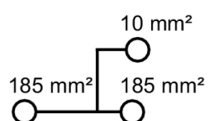
Safety notice

[Safety Information](#)

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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                       |            |        |
|     |           | 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                    |            |        |

## 

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Rated current with Cu conductors: 353 A