

W-Series
WPD 101 2X25/2X16 BL**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com**Power distribution**

You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.

General ordering data

| | |
|------------|--|
| Type | WPD 101 2X25/2X16 BL |
| Order No. | 1560670000 |
| Version | W-Series, Distribution block, Rated cross-section: Screw connection, Terminal rail / mounting plate |
| GTIN (EAN) | 4050118365733 |
| Qty. | 5 Stück |

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Technische Daten

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Width | 17.8 mm | Width (inches) | 0.701 inch |
| Height | 55.7 mm | Height (inches) | 2.193 inch |
| Depth | 49.3 mm | Depth (inches) | 1.941 inch |
| Net weight | 68 g | | |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 130 °C |
|----------------------------------|--------|----------------------------------|--------|

Material data

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

System specifications

| | | | |
|-----------------------------------|------------------|-------------------------------|-----|
| Version | Screw connection | End cover plate required | No |
| Number of potentials | 1 | Number of levels | 1 |
| No. of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | Yes | PE connection | No |
| Mounting rail | TS 35 | N-function | Yes |
| PE function | No | PEN function | No |

Additional technical data

| | | | |
|---------------------|--------------------------------|------------------|---------|
| Installation advice | Terminal rail / mounting plate | Open sides | closed |
| Snap-on | Yes | Type of mounting | Snap-on |
| With snap-in pegs | Yes | | |

Conductors for clamping (rated connection)

| | | | |
|----------------------|---------|--------------------|------------------|
| Connection direction | on side | Type of connection | Screw connection |
|----------------------|---------|--------------------|------------------|

Rating data

| | | | |
|--------------------------|------------|------------------|--|
| Rated voltage | 1,000 V | Rated AC voltage | 1,000 V AC |
| Rated DC voltage | 1,000 V DC | Rated current | 152 A |
| Current at maximum wires | 152 A | Standards | IEC 60947-7-1, IEC 61238-1, VDE 0603-2 |

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 9.1 | 27-14-11-20 |

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Product information

Descriptive text technical data Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity [DE_PT1001_20160420_002_ISSUE01.pdf](#)
Brochure/Catalogue [CAT 1 TERM 16/17 EN](#)
Engineering Data [EPLAN, WSCAD](#)
Engineering Data [STEP](#)

Safety note

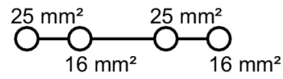
Safety notice [Safety Information](#)

Datenblatt

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Zeichnungen



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

No. of poles

Note

IEC 60947-7-1, IEC 61238-1

| top | mid./left | mid./mid. | mid./right | bottom |
|-----|-----------|-----------|------------|--------|
|-----|-----------|-----------|------------|--------|

1

1

2.5...25mm²

2.5...16mm²

2.5...25mm²

2.5...16mm²

1.5...16mm²

1.5...10mm²

2.5Nm

2.5Nm

M 6

M 6

19mm

19mm

| top | mid./left | mid./mid. | mid./right | bottom |
|-----|-----------|-----------|------------|--------|
|-----|-----------|-----------|------------|--------|

1

1

2.5...25mm²

2.5...16mm²

2.5...25mm²

2.5...16mm²

1.5...16mm²

1.5...10mm²

2.5Nm

2.5Nm

M 6

M 6

19mm

19mm

1

Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm