

**WPD 106 1X70/2X25+3X16 BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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>Screw connection, Terminal rail / mounting plate |
| Order No.  | <a href="#">2518570000</a>                                                                             |
| Type       | WPD 106 1X70/2X25+3X16 BL                                                                              |
| GTIN (EAN) | 4050118531824                                                                                          |
| Qty.       | 1 pc(s).                                                                                               |

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 50.4 mm    | Depth (inches)  | 1.984 inch |
| Height         | 74.5 mm    | Height (inches) | 2.933 inch |
| Net weight     | 200 g      | Width           | 39.5 mm    |
| Width (inches) | 1.555 inch |                 |            |

## Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 130 °C         |                                  |        |

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## Material data

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

## Rating data IECEx/ATEX

|                                |                    |                         |                   |
|--------------------------------|--------------------|-------------------------|-------------------|
| Certificate No. (ATEX)         | CNEX16ATEX0005U    | Certificate No. (IECEX) | IECEXCNEX16.0005U |
| Max. voltage (ATEX)            | 880 V              | Current (ATEX)          | 160 A             |
| Wire cross section max. (ATEX) | 50 mm <sup>2</sup> | Max. voltage (IECEX)    | 880 V             |
| Current (IECEX)                | 160 A              |                         |                   |

## System specifications

|                                     |                       |                               |     |
|-------------------------------------|-----------------------|-------------------------------|-----|
| Version                             | Screw connection      | End cover plate required      | No  |
| Number of potentials                | 1                     | Number of levels              | 1   |
| Number of clamping points per level | 2                     | Number of potentials per tier | 1   |
| Rail                                | Mounting plate, TS 35 | N-function                    | Yes |
| PE function                         | No                    | PEN function                  | No  |

## Additional technical data

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

## CSA rating data

|                             |          |
|-----------------------------|----------|
| Certificate number (cCSAus) | 70128467 |
|-----------------------------|----------|

## Conductors for clamping (rated connection)

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

## General

|                     |                                |                 |                        |
|---------------------|--------------------------------|-----------------|------------------------|
| Installation advice | Terminal rail / mounting plate | Number of poles | 1                      |
| Rail                | Mounting plate, TS 35          | Standards       | IEC 60947-7-1, UL 1059 |

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**Technical data****Rating data**

|                  |                        |                          |            |
|------------------|------------------------|--------------------------|------------|
| Rated AC voltage | 1,000 V                | Rated DC voltage         | 1,000 V DC |
| Rated current    | 92 A                   | Current at maximum wires | 192 A      |
| Standards        | IEC 60947-7-1, UL 1059 |                          |            |

**UL rating data**

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

**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 | Power distribution block (Bus Bar) also usable for distribution of neutral conductor and function earth. |
|---------------------|----------------------------------------------------------------------------------------------------------|

**Approvals**

Approvals



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

**Downloads**

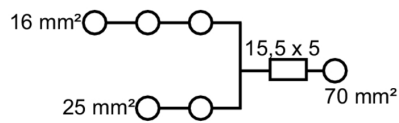
|                                             |                                                                                                                                                                                                                                                                               |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity</a><br><a href="#">Attestation of Conformity</a><br><a href="#">CB Certificate</a><br><a href="#">ATEX Certificate</a><br><a href="#">IECEX Certificate</a><br><a href="#">EAC EX Certificate</a><br><a href="#">CCC Ex Certificate</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                                                                                                                                                          |
| Engineering Data                            | <a href="#">EPLAN</a>                                                                                                                                                                                                                                                         |
| User Documentation                          | <a href="#">Storage Conditions</a><br><a href="#">Terminal Blocks</a><br><a href="#">DATA SHEET WPD 106</a><br><a href="#">NTI WPD 106</a>                                                                                                                                    |

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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

No. of poles

### Note

IEC 60947-7-1, UL 1059

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

1

1

10...70mm<sup>2</sup>

10...70mm<sup>2</sup>

6...50mm<sup>2</sup>

15.5 x 5 mm

10Nm

2Nm

M 10 x 1

M 5 x 20

17mm

17mm

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

3

2

1.5...16mm<sup>2</sup>

2.5...25mm<sup>2</sup>

1.5...16mm<sup>2</sup>

2.5...25mm<sup>2</sup>

1.5...10mm<sup>2</sup>

1.5...16mm<sup>2</sup>

2Nm

2Nm

M 6 x 8

M 6 x 8

12mm

12mm

1