

**WPD 401 2X25/2X16 3XGY/1XBL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image****Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

**General ordering data**

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| Version    | W-Series, Distribution block, Rated cross-section: Screw connection, Terminal rail / mounting plate |
| Order No.  | <a href="#">1562130000</a>                                                                          |
| Type       | WPD 401 2X25/2X16 3XGY/1XBL                                                                         |
| GTIN (EAN) | 4050118385212                                                                                       |
| Qty.       | 1 pc(s).                                                                                            |

## WPD 401 2X25/2X16 3XGY/1XBL

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 49.3 mm    | Depth (inches)  | 1.941 inch |
| Height         | 55.7 mm    | Height (inches) | 2.193 inch |
| Net weight     | 271 g      | Width           | 81.5 mm    |
| Width (inches) | 3.209 inch |                 |            |

## Temperatures

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

## Environmental Product Compliance

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

## Material data

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

## System specifications

|                                     |                  |                               |    |
|-------------------------------------|------------------|-------------------------------|----|
| Version                             | Screw connection | End cover plate required      | No |
| Number of potentials                | 4                | Number of levels              | 1  |
| Number of clamping points per level | 8                | Number of potentials per tier | 4  |
| Levels cross-connected internally   | No               | PE connection                 | No |
| 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 |
|----------------------|---------|--------------------|------------------|

## General

|                     |                                        |                 |   |
|---------------------|----------------------------------------|-----------------|---|
| Installation advice | Terminal rail / mounting plate         | Number of poles | 4 |
| Standards           | IEC 60947-7-1, IEC 61238-1, VDE 0603-2 |                 |   |

## Rating data

|                          |            |                  |                                        |
|--------------------------|------------|------------------|----------------------------------------|
| Rated voltage            | 1,000      | 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 |

## WPD 401 2X25/2X16 3XGY/1XBL

**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 |

## Approvals

Approvals



ROHS

Conform

## Downloads

|                                             |                                                                                                                                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CB Certificate</a><br><a href="#">EAC certificate</a><br><a href="#">VDE Certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                                                                           |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                                                                                                                                                   |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                                                                                                                                                |

### WPD 401 2X25/2X16 3XGY/1XBL

**Weidmüller Interface GmbH & Co. KG**

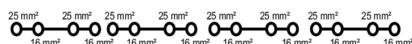
Klingenbergstraße 26

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

No. of poles

### Note

IEC 60947-7-1, IEC 61238-1

top

mid./left

mid./mid.

mid./right

bottom

4

4

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

2.5...16mm<sup>2</sup>

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

2.5...16mm<sup>2</sup>

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

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

2.5Nm

2.5Nm

M 6

M 6

19mm

19mm

top

mid./left

mid./mid.

mid./right

bottom

4

4

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

2.5...16mm<sup>2</sup>

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

2.5...16mm<sup>2</sup>

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

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

2.5Nm

2.5Nm

M 6

M 6

19mm

19mm

4

Aluminium conductor 16 mm<sup>2</sup> = 4.0 Nm; 25 mm<sup>2</sup> = 4.0 Nm