

## Distribution block - PTFIX 2X2,5 PK - 1028076

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Distribution block, Basic terminal block, nom. voltage: 450 V, nominal current: 24 A, connection method: Push-in connection, number of connections: 2, cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, width: 5.2 mm, height: 21.7 mm, color: pink, mounting type: for snapping onto a DIN rail adapter

### Your advantages

- ✓ Time-saving conductor connection, thanks to tool-free Push-in direct connection technology
- ✓ Clear wiring, thanks to eleven different color variants
- ✓ Flexible use, thanks to DIN rail mounting, direct mounting or adhesive mounting
- ✓ Space savings of up to 50% on the DIN rail, thanks to transverse mounting

RoHS

### Key Commercial Data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 50 pc                                                                                                   |
| Minimum order quantity | 50 pc                                                                                                   |
| GTIN                   | <br>4 055626 524887 |
| GTIN                   | 4055626524887                                                                                           |

### Technical data

#### General

|                                        |                     |
|----------------------------------------|---------------------|
| Number of levels                       | 1                   |
| Number of connections                  | 2                   |
| Potentials                             | 1                   |
| Nominal cross section                  | 2.5 mm <sup>2</sup> |
| Color                                  | pink                |
| Insulating material                    | PA                  |
| Flammability rating according to UL 94 | V0                  |
| Rated surge voltage                    | 6 kV                |
| Degree of pollution                    | 3                   |
| Overvoltage category                   | III                 |
| Insulating material group              | I                   |

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## Technical data

### General

|                                                 |        |
|-------------------------------------------------|--------|
| Maximum power dissipation for nominal condition | 0.77 W |
| Maximum load current                            | 27 A   |
| Nominal current $I_N$                           | 24 A   |
| Nominal voltage $U_N$                           | 450 V  |
| Open side panel                                 | No     |

### Dimensions

|        |         |
|--------|---------|
| Width  | 5.2 mm  |
| Length | 28.6 mm |
| Height | 21.7 mm |

### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Connection method                                                          | Push-in connection   |
| Connection in acc. with standard                                           | IEC 60998-2-2        |
| Conductor cross section solid min.                                         | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 4 mm <sup>2</sup>    |
| Conductor cross section AWG min.                                           | 26                   |
| Conductor cross section AWG max.                                           | 12                   |
| Conductor cross section flexible min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible max.                                      | 2.5 mm <sup>2</sup>  |
| Min. AWG conductor cross section, flexible                                 | 26                   |
| Max. AWG conductor cross section, flexible                                 | 12                   |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.    | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.    | 2.5 mm <sup>2</sup>  |
| Stripping length                                                           | 8 mm ... 10 mm       |
| Internal cylindrical gage                                                  | A3                   |

### Standards and Regulations

|                                        |               |
|----------------------------------------|---------------|
| Connection in acc. with standard       | IEC 60998-2-2 |
| Flammability rating according to UL 94 | V0            |

### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

### Circuit diagram



## Distribution block - PTFIX 2X2,5 PK - 1028076

### Approvals

#### Approvals

#### Approvals

DNV GL / CSA / UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

#### Approval details

|                    |                                                                           |            |
|--------------------|---------------------------------------------------------------------------|------------|
| DNV GL             | <a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a> | TAE00002TT |
| Nominal voltage UN | 500 V                                                                     |            |
| Nominal current IN | 24 A                                                                      |            |

|                    |                                                                                     |                                                                                                                                         |       |
|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
|                    | D                                                                                   | B                                                                                                                                       | C     |
| Nominal voltage UN | 600 V                                                                               | 300 V                                                                                                                                   | 300 V |
| Nominal current IN | 5 A                                                                                 | 20 A                                                                                                                                    | 20 A  |
| mm²/AWG/kcmil      | 26-12                                                                               | 26-12                                                                                                                                   | 26-12 |

|                    |                                                                                     |                                                                                                                                                       |              |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| UL Recognized      |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                    | D                                                                                   | B                                                                                                                                                     | C            |
| Nominal voltage UN | 600 V                                                                               | 300 V                                                                                                                                                 | 300 V        |
| Nominal current IN | 5 A                                                                                 | 20 A                                                                                                                                                  | 20 A         |
| mm²/AWG/kcmil      | 26-12                                                                               | 26-12                                                                                                                                                 | 26-12        |

|                    |                                                                                     |                                                                                                                                                       |              |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| cUL Recognized     |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                    | D                                                                                   | B                                                                                                                                                     | C            |
| Nominal voltage UN | 600 V                                                                               | 300 V                                                                                                                                                 | 300 V        |
| Nominal current IN | 5 A                                                                                 | 20 A                                                                                                                                                  | 20 A         |
| mm²/AWG/kcmil      | 26-12                                                                               | 26-12                                                                                                                                                 | 26-12        |

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### Approvals

cULus Recognized



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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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