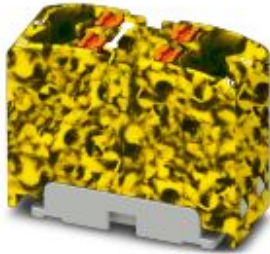


## Distribution block - PTFIX 4X1,5-FE - 1046620

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Distribution block, bridged internally. The blocks can be bridged with one another via the conductor shaft. For corresponding plug-in bridges, see accessories, nom. voltage: 450 V, nominal current: 17.5 A, connection method: Push-in connection, number of connections: 4, cross section: 0.14 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, AWG: 26 - 14, width: 8.3 mm, height: 17.7 mm, color: black/yellow, mounting type: for snapping onto a DIN rail adapter

### Your advantages

- ✓ Space-saving, thanks to the compact design
- ✓ Flexible use, thanks to direct mounting with flange covers from accessories
- ✓ Space-saving potential distribution, thanks to compact micro potential distributors
- ✓ Convenient test options, thanks to test openings at every terminal point
- ✓ Clear arrangement thanks to marking of all terminal points



### Key Commercial Data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 30 pc                                                                                                   |
| Minimum order quantity | 30 pc                                                                                                   |
| GTIN                   | <br>4 055626 643335 |
| GTIN                   | 4055626643335                                                                                           |

### Technical data

#### General

|                                        |                                                                                                                                           |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Note                                   | Notes on operation The blocks can be bridged with one another via the conductor shaft. For corresponding plug-in bridges, see accessories |
| Number of levels                       | 1                                                                                                                                         |
| Number of connections                  | 4                                                                                                                                         |
| Potentials                             | 1                                                                                                                                         |
| Nominal cross section                  | 1.5 mm <sup>2</sup>                                                                                                                       |
| Color                                  | black/yellow                                                                                                                              |
| Insulating material                    | PA                                                                                                                                        |
| Flammability rating according to UL 94 | V0                                                                                                                                        |
| Rated surge voltage                    | 6 kV                                                                                                                                      |
| Degree of pollution                    | 3                                                                                                                                         |

# Distribution block - PTFIX 4X1,5-FE - 1046620

## Technical data

### General

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Overvoltage category                            | III               |
| Insulating material group                       | I                 |
| Maximum power dissipation for nominal condition | 0.56 W            |
| Ambient temperature (operation)                 | -60 °C ... 130 °C |
| Maximum load current                            | 22 A              |
| Maximum total current                           | 26 A              |
| Nominal current $I_N$                           | 17.5 A            |
| Nominal voltage $U_N$                           | 450 V             |
| Open side panel                                 | No                |

### Dimensions

|        |         |
|--------|---------|
| Width  | 8.3 mm  |
| Length | 21.6 mm |
| Height | 17.7 mm |

### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Connection method                                                          | Push-in connection   |
| Stripping length                                                           | 8 mm ... 10 mm       |
| 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.                                         | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.                                           | 26                   |
| Conductor cross section AWG max.                                           | 14                   |
| Conductor cross section flexible min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible max.                                      | 1.5 mm <sup>2</sup>  |
| Min. AWG conductor cross section, flexible                                 | 24                   |
| 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. | 1.5 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.    | 1.5 mm <sup>2</sup>  |
| Internal cylindrical gage                                                  | A1 / B1              |

### 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

## Distribution block - PTFIX 4X1,5-FE - 1046620

Circuit diagram



### Approvals

#### Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

#### Approval details

|                            |                                                                                    |                                                                                                                                         |       |
|----------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| 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         | 300 V                                                                              | 300 V                                                                                                                                   | 150 V |
| Nominal current IN         | 10 A                                                                               | 15 A                                                                                                                                    | 15 A  |
| mm <sup>2</sup> /AWG/kcmil | 26-14                                                                              | 26-14                                                                                                                                   | 26-14 |

|                            |                                                                                     |                                                                                                                                                       |              |
|----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 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         | 300 V                                                                               | 300 V                                                                                                                                                 | 150 V        |
| Nominal current IN         | 10 A                                                                                | 15 A                                                                                                                                                  | 15 A         |
| mm <sup>2</sup> /AWG/kcmil | 26-14                                                                               | 26-14                                                                                                                                                 | 26-14        |

|                            |                                                                                     |                                                                                                                                                       |              |
|----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 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         | 300 V                                                                               | 300 V                                                                                                                                                 | 150 V        |
| Nominal current IN         | 10 A                                                                                | 15 A                                                                                                                                                  | 15 A         |
| mm <sup>2</sup> /AWG/kcmil | 26-14                                                                               | 26-14                                                                                                                                                 | 26-14        |

|     |                                                                                     |                          |
|-----|-------------------------------------------------------------------------------------|--------------------------|
| EAC |  | RU C-<br>DE.AI30.B.01102 |
|-----|-------------------------------------------------------------------------------------|--------------------------|

## Distribution block - PTFIX 4X1,5-FE - 1046620

### Approvals

cULus Recognized



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