

## Distribution block - PTFIX 18X1,5-G OG - 3002905

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Distribution block, internally jumpered, connection method: Push-in connection, number of connections: 18, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 16, width: 39.9 mm, height: 17.6 mm, color: orange, mounting type: adhesive

The figure shows the version PTFIX 6X1,5 in gray

### Why buy this product

- Space-saving, thanks to the compact design
- Flexible use, thanks to DIN rail and direct mounting
- 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                         | 20 STK                         |
| GTIN                                 |                                |
| GTIN                                 | 4055626433103                  |
| Weight per Piece (excluding packing) | 0.010 kg                       |
| Custom tariff number                 | 85369010                       |
| Country of origin                    | Poland                         |
| Note                                 | Made to Order (non-returnable) |

### Technical data

#### General

|                       |  |
|-----------------------|--|
| Note                  | 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 | 18   |
| Potentials            | 1  |
| Nominal cross section | 1.5 mm <sup>2</sup>  |

## Distribution block - PTFIX 18X1,5-G OG - 3002905

### Technical data

#### General

|   |                   |
|---|-------------------|
| Color   | orange            |
| 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                 |
| Maximum power dissipation for nominal condition | 0.56 W            |
| Ambient temperature (operation)                 | -60 °C ... 130 °C |
| Maximum load current                            | 17.5 A            |
| Nominal current $I_N$                           | 17.5 A            |
| Nominal voltage $U_N$                           | 500 V             |
| Open side panel                                 | No                |

#### Dimensions

|        |         |
|--------|---------|
| Width  | 39.9 mm |
| Length | 20 mm   |
| Height | 17.6 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.   | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.   | 26                   |
| Conductor cross section AWG max.   | 16                   |
| 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                                 | 26                   |
| Max. AWG conductor cross section, flexible                                 | 16                   |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 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.    | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.    | 1.5 mm <sup>2</sup>  |
| Stripping length   | 8 mm ... 10 mm       |
| 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 |
|------------|---|

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## Technical data

### Environmental Product Compliance

|  |  |
|--|--|
|  | No hazardous substances above threshold values |
|--|--|

## Drawings

### Circuit diagram



## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141120 |
| eCl@ss 4.1 | 27141120 |
| eCl@ss 5.0 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |
| eCl@ss 9.0 | 27141120 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |
| ETIM 6.0 | EC000897 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

## Approvals

### Approvals

#### Approvals


CSA / UL Recognized / cUL Recognized / cULus Recognized


## Distribution block - PTFIX 18X1,5-G OG - 3002905


### Approvals

Ex Approvals

#### Approval details

|                                |   |   |       |
|--------------------------------|---|---|-------|
| CSA                            |  | <a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a> | 13631 |
|                                | B   | C   | D     |
| mm <sup>2</sup> /AWG/kcmil     | 26-14   | 26-14   | 26-14 |
| Nominal current I <sub>N</sub> | 15 A  | 15 A  | 15 A  |
| Nominal voltage U <sub>N</sub> | 300 V   | 300 V   | 150 V |

|                                |   |   |              |
|--------------------------------|---|---|--------------|
| 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 |
|                                | B   | C   | D            |
| mm <sup>2</sup> /AWG/kcmil     | 26-14   | 26-14   | 26-14        |
| Nominal current I <sub>N</sub> | 15 A  | 15 A  | 15 A         |
| Nominal voltage U <sub>N</sub> | 300 V   | 300 V   | 150 V        |

|                                |   |   |              |
|--------------------------------|---|---|--------------|
| 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 |
|                                | B   | C   | D            |
| mm <sup>2</sup> /AWG/kcmil     | 26-14   | 26-14   | 26-14        |
| Nominal current I <sub>N</sub> | 15 A  | 15 A  | 15 A         |
| Nominal voltage U <sub>N</sub> | 300 V   | 300 V   | 150 V        |

|                  |   |   |
|------------------|---|---|
| cULus 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> |
|------------------|---|---|

### Accessories

Accessories

Jumper

## Distribution block - PTFIX 18X1,5-G OG - 3002905

### Accessories

Plug-in bridge - FBS 2-4 - 3030116



Plug-in bridge, pitch: 4.2 mm, number of positions: 2, color: red

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Plug-in bridge - FBS 2-4 BU - 3030117



Plug-in bridge, pitch: 4.2 mm, number of positions: 2, color: blue

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Plug-in bridge - FBS 2-4 GY - 3030118



Plug-in bridge, pitch: 4.2 mm, number of positions: 2, color: gray

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### Labeled terminal marker

Marking foil for zack marker strip - SK 3,8 REEL P4,15 WH CUS - 0825990

Marking foil for zack marker strip, white, labeled according to customer specifications, Mounting type: adhesive, for terminal block width: 4.15 mm, Lettering field: continuous x 3.8 mm

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### Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

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### Terminal marking

## Distribution block - PTFIX 18X1,5-G OG - 3002905

### Accessories

Marking foil for zack marker strip - TML (EX3,8)R - 0801837



Marking foil for zack marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, Mounting type: adhesive, for terminal block width: 30000 mm, Lettering field: 30,000 x 3.8 mm

Marking foil for zack marker strip - TML (104X3,8)R - 0801833



Marking foil for zack marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, Mounting type: adhesive, for terminal block width: 104 mm, Lettering field: 104 x 3.8 mm

Accessories - MPS-MT 1-S4-B RD - 1982800



Test plugs - MPS-MT 1-S - 1944372



Test plugs, consisting of Ø 1 mm test pin, 150 mm conductor length, and Ø 2 mm socket