

Distribution block - PTFIX 6/6X2,5 GNYE - 1091669

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Distribution block, Basic terminal block with supply, 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: 24 A, connection method: Push-in connection, Push-in connection, number of connections: 7, cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, width: 25.6 mm, height: 21.7 mm, color: green/yellow, mounting type: Free-hanging, Direct mounting with flange, adhesive

Your advantages

- ✓ Time savings of up to 80%, thanks to ready-to-mount blocks without manual bridging
- ✓ 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 | 10 pc |
| Minimum order quantity | 10 pc |
| GTIN |  4 055626 904597 |
| GTIN | 4055626904597 |

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 | 7 |
| Potentials | 1 |
| Nominal cross section | 2.5 mm ² |
| Nominal cross section feed-in | 6 mm ² |
| Color | green/yellow |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 6 kV |

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Technical data

General

| | |
|---|---|
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Maximum power dissipation for nominal condition | 1.31 W (the value is based on one connection block and is multiplied according to the pin assignment) |
| Designation | Level 1 |
| Maximum load current | 32 A (with 4 mm ² conductor cross section) |
| Maximum total current | 57 A (with 10 mm ² conductor cross section) |
| Nominal current I _N | 24 A |
| Nominal voltage U _N | 450 V |
| Designation | Level 1 ext. 1 |
| Maximum load current | 57 A (with 10 mm ² conductor cross section) |
| Nominal current I _N | 41 A (with 6 mm ² conductor cross section) |
| Open side panel | No |

Dimensions

| | |
|--------|---------|
| Width | 25.6 mm |
| Length | 28.6 mm |
| Height | 21.7 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 ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 12 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Min. AWG conductor cross section, flexible | 26 |
| Max. AWG conductor cross section, flexible | 14 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 2.5 mm ² |
| Internal cylindrical gage | A3 |
| Connection | Feed-in stage |
| Connection method | Push-in connection |
| Stripping length | 10 mm ... 12 mm |
| Connection in acc. with standard | IEC 60998-2-2 |
| Conductor cross section solid min. | 0.5 mm ² |

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Technical data

Connection data

| | |
|---|---------------------|
| Conductor cross section solid max. | 10 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 8 |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 10 mm ² |
| Min. AWG conductor cross section, flexible | 20 |
| Max. AWG conductor cross section, flexible | 10 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 10 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 10 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm ² |

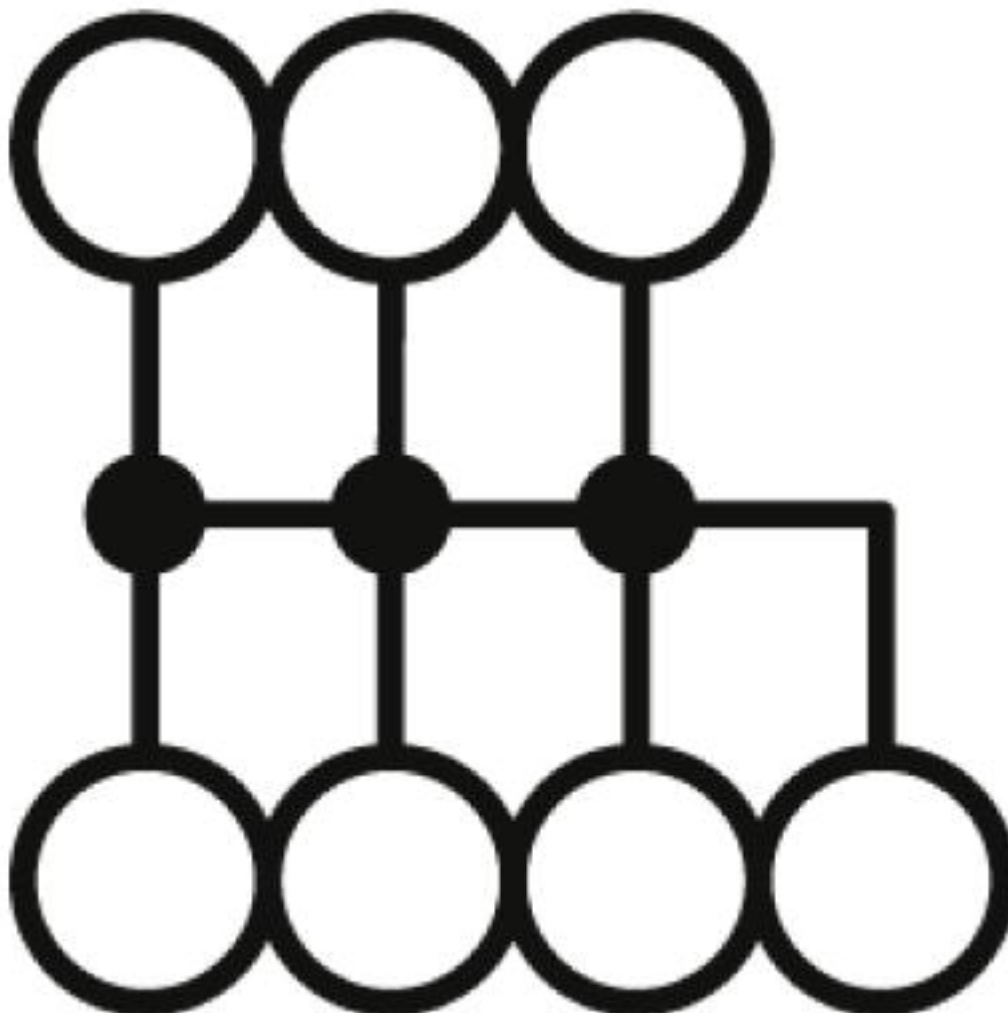
Standards and Regulations

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

Drawings

Distribution block - PTFIX 6/6X2,5 GNYE - 1091669

Circuit diagram



Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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Approvals

EAC



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