

Distribution block - PTFIX 6X4 RD - 3273794

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Distribution block, bridged internally, nom. voltage: 630 V, nominal current: 32 A, connection method: Push-in connection, number of connections: 6, cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, width: 18.5 mm, height: 21.7 mm, color: red, mounting type: NS 35/7,5, NS 35/15

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

Key Commercial Data

| | |
|------------------------|---|
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| GTIN |  4 055626 677668 |
| GTIN | 4055626677668 |

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 | 6 |
| Potentials | 1 |
| Nominal cross section | 4 mm ² |
| Color | red |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 6 kV |
| Degree of pollution | 3 |

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Technical data

General

| | |
|---|---|
| Overvoltage category | III |
| Insulating material group | I |
| Maximum power dissipation for nominal condition | 1.02 W (the value is based on one connection block and is multiplied according to the pin assignment) |
| Ambient temperature (operation) | -60 °C ... 130 °C |
| Maximum load current | 63 A |
| Maximum total current | 41 A |
| Nominal current I_N | 32 A |
| Nominal voltage U_N | 630 V |
| Open side panel | No |

Dimensions

| | |
|--------|---------|
| Width | 18.5 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. | 0.2 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| Min. AWG conductor cross section, flexible | 24 |
| Max. AWG conductor cross section, flexible | 12 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.2 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.2 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 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. | 1 mm ² |
| Stripping length | 10 mm ... 12 mm |
| Internal cylindrical gage | A4 |

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



Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

| | | | |
|----------------------------|--|---|-------|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| | | B | C |
| Nominal voltage UN | | 600 V | 600 V |
| Nominal current IN | | 32 A | 32 A |
| mm ² /AWG/kcmil | | 24-10 | 24-10 |

| | | | |
|----------------------------|--|---|--------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | | B | C |
| Nominal voltage UN | | 600 V | 600 V |
| Nominal current IN | | 32 A | 32 A |
| mm ² /AWG/kcmil | | 24-10 | 24-10 |


| | | | |
|--------------------|--|---|--------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | | B | C |
| Nominal voltage UN | | 600 V | 600 V |

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Approvals

| | B | C |
|--------------------------------|-------|-------|
| Nominal current I _N | 32 A | 32 A |
| mm ² /AWG/kcmil | 24-10 | 24-10 |

| | | |
|-----|---|--------------------------|
| EAC |  | RU C- DE.AI30.B.01102 |
|-----|---|--------------------------|

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| cULus Recognized |  | |
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