

Power connectors - CUC-PPC-C2ZNI-SX/24FKP5 - 1421783

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Power connectors, contact inserts: x , degree of protection: IP65/67, number of positions: 5, material: Zinc die-cast, connection cross section: AWG 18- 13, cable outlet: straight

Why buy this product

- Fixed coding
- Increased temperature range
- Lockable
- One-part housing



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 055626 280349 |
| GTIN | 4055626280349 |

Technical data

Dimensions

| | |
|-------------------------|----------------|
| External cable diameter | 9 mm ... 13 mm |
| Type | fixed coding |

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP65/IP67 |
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Ambient temperature (assembly) | -10 °C ... 40 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

General data

| | |
|------|---|
| Note | This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 11 Connectors for 24 Volt Power Supply Cabling and Chapter 13 Application specific Cabling and Interconnection Technology (AIDA) |
|------|---|

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Technical data

General data

| | |
|--|---|
| Rated current at 40°C | 16 A |
| Rated voltage | 24 V |
| Number of positions | 5 |
| Degree of pollution | 3 |
| Alternative short product description | MSTB connector |
| Locking type | Push Pull |
| Rated voltage (II/2) | 630 V |
| Rated voltage (III/2) | 400 V |
| Rated voltage | 250 V |
| Rated surge voltage (II/2) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |
| Rated surge voltage (III/3) | 4 kV |
| Rated current | 16 A |
| Rated voltage (III/3) | 24 V |
| Conductor cross section | 0.75 mm ² ... 2.5 mm ² |
| Connection cross section AWG | 18 ... 13 |
| COMBICON connection data | 0.75 mm ² 2.5 mm ² 0.75 mm ² 2.5 mm ² 18 13 2.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.75 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. | 0.75 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 2.5 mm ² |
| Contact material | Copper alloy |
| Contact carrier material | PA |
| Contact surface material | Gold over nickel |
| Housing material | Zinc die-cast |

Characteristics head 1

| | |
|---|-------|
| Stripping length of the individual wire | 10 mm |
| Stripping length of the sheath | 40 mm |

Standards and Regulations

| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

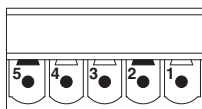
Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

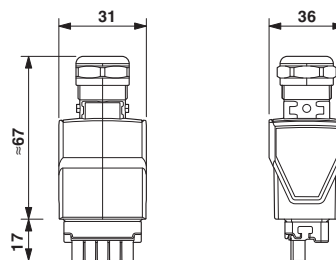
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Schematic diagram



Pin assignment PROFINET push-pull, power connector, 24 V, fixed coding

Dimensional drawing



Push/pull connector

Approvals

Approvals

Approvals

cULus Recognized

Ex Approvals

Approval details

| | | | |
|----------------------------|------|--|--|
| cULus Recognized | | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E118976-20080903 |
| | | | |
| Nominal voltage UN | 24 V | | |
| Nominal current IN | 16 A | | |
| mm ² /AWG/kcmil | 14 | | |

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