

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

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Power connectors, Degree of protection: IP65/67, Number of positions: 5, Material: Zinc die-cast, Connection cross section: AWG 18-13, Cable exit: 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 (assembly)	-5 °C ... 55 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 55 °C

General data

Note	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order
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Technical data

General data

	no: 2.252, Chapter 11 Connectors for 24 Volt Power Supply Cabling and Chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
Rated current at 40°C	16 A
Rated voltage	24 V
Number of positions	5
Signal type/category	Universal
Degree of pollution	3
	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 mm² ... 2.5 mm²
Connection cross section AWG	18 ... 13
COMBICON connection data	0.75 mm² 2.5 mm² 0.75 mm² 2.5 mm² 18 13 2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²

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
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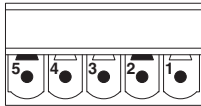
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

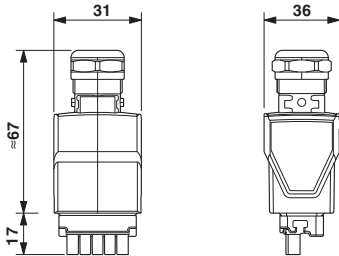
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Schematic diagram



Connector pin assignment for PROFINET Push-Pull, power connector, 24 V

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	
mm²/AWG/kcmil	14
Nominal current I _N	16 A
Nominal voltage U _N	24 V

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