

# CUC-PPC-C2ZNI-SX/24FKP5:WO - Power connector



1032276

<https://www.phoenixcontact.com/us/products/1032276>

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Power connector, degree of protection: IP65/IP67, number of positions: 5, material: Die-cast zinc, cable outlet: straight, Universal

## Your advantages

- Increased temperature range
- Lockable
- One-part housing

## Commercial data

Item number	1032276
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABNOHA
GTIN	4055626534961
Weight per piece (including packing)	116.092 g
Weight per piece (excluding packing)	116.092 g
Country of origin	PL

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## Technical data

### Notes

General	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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### Product properties

Product type	Data cable preassembled
Type	MSTB
Sensor type	Universal
Number of positions	5
Connection profile	MSTB
Type	fixed coding
Cable outlet	straight

### Insulation characteristics

Degree of pollution	3
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### Electrical properties

Nominal voltage $U_N$	24 V
Nominal current $I_N$	16 A

### Material specifications

Material	Metal
Flammability rating according to UL 94	V0
Seal material	NBR
Housing material	Die-cast zinc
Housing surface material	nickel-plated
Cable seal material	TPE
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PA

### Dimensions

Width	31 mm
Height	36 mm
Length	67 mm

### Cable/line

External cable diameter	9 mm ... 13 mm
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### Environmental and real-life conditions

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## Ambient conditions

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

## Drawings

### Schematic diagram



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

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## Approvals

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 <b>cULus Recognized</b> Approval ID: E118976-20080903				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	24 V	16 A	- 14	-

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## Classifications

### ECLASS

ECLASS-13.0

27440114

### ETIM

ETIM 9.0

EC002636

### UNSPSC

UNSPSC 21.0

39121400

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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