

# CUC-V14-C2ZNI-S/24FN5:FC - Power connector



1408234

<https://www.phoenixcontact.com/us/products/1408234>

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Power connector, degree of protection: IP65, number of positions: 5, material: Die-cast zinc, connection method: Spring-cage connection, connection cross section: AWG 18- 13, cable outlet: straight, color: silver

## Commercial data

Item number	1408234
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABNOJA
GTIN	4046356801881
Weight per piece (including packing)	96 g
Weight per piece (excluding packing)	96 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Data plug
Sensor type	Universal
Number of positions	5
Connection profile	MSTB
Cable outlet	straight

### Insulation characteristics

Degree of pollution	2
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### Electrical properties

Rated voltage (II/2)	630 V
Rated voltage (III/2)	400 V
Rated voltage (III/3)	24 V
	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
	16 A
Nominal voltage $U_N$	24 V
Nominal current $I_N$	16 A

### Connection data

Connection method	Spring-cage connection
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### Interfaces

Signal type/category	Universal
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### Material specifications

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

### Cable/line

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Signal type/category	Universal
External cable diameter	9 mm ... 13 mm
Stripping length of the individual wire	10 mm

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≤ 100
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C

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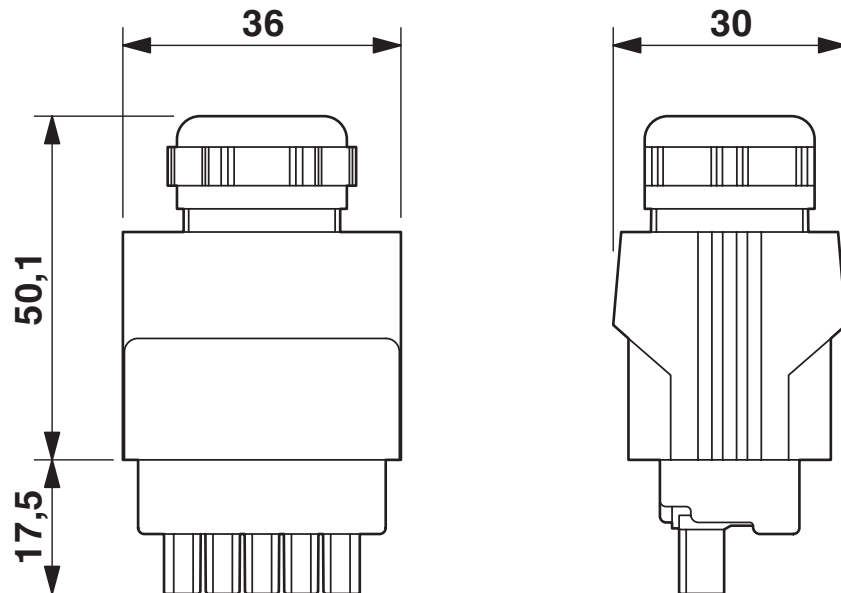


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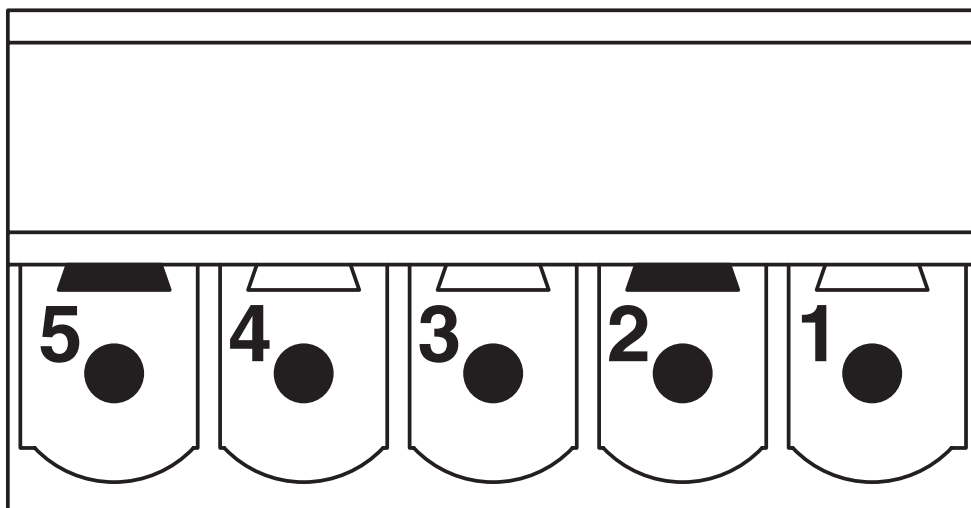
## Drawings

Dimensional drawing



Push-Pull MSTB connector IP65/67

Schematic diagram



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

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