

# VS-PPC-C2-MSTB-POBK-P13-B5-SP - Power connector



1608236

<https://www.phoenixcontact.com/us/products/1608236>

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Power connector, degree of protection: IP65, number of positions: 5, material: PA-GF, connection method: Spring-cage connection, connection cross section: AWG 18- 13, cable outlet: straight, color: black, Universal

## Commercial data

Item number	1608236
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABNOHA
GTIN	4046356159876
Weight per piece (including packing)	42.2 g
Weight per piece (excluding packing)	39.14 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

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

### Insulation characteristics

Degree of pollution	2
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### Electrical properties

Rated voltage (III/3)	400 V
Rated current	16 A (at 20 °C)
Nominal voltage $U_N$	400 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	black
Material	Plastic
Flammability rating according to UL 94	V0
Seal material	NBR
Housing material	PA-GF
Cable seal material	TPE
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PA

### Cable/line

Signal type/category	Universal
External cable diameter	9 mm ... 13 mm

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	$\geq 100$
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### Environmental and real-life conditions

#### Ambient conditions

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Degree of protection	IP65
	IP65
Ambient temperature (operation)	-40 °C ... 70 °C

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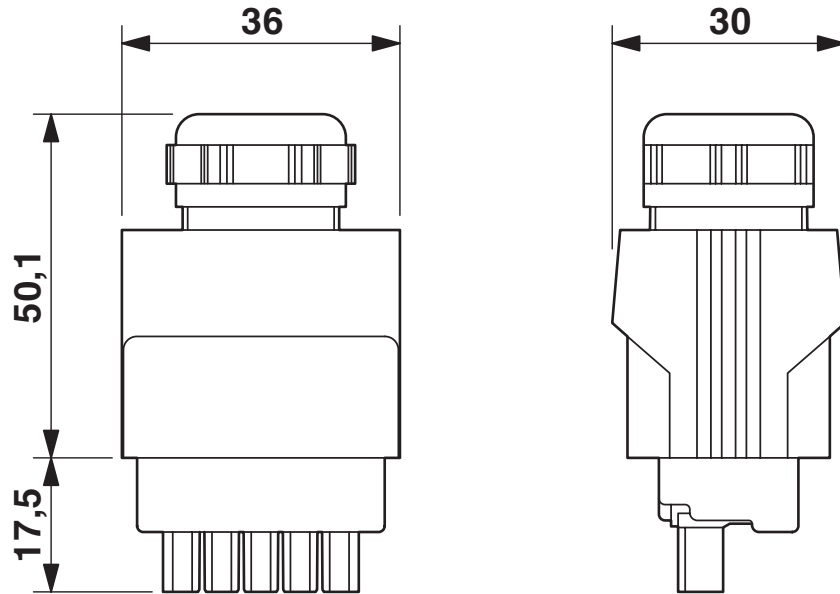


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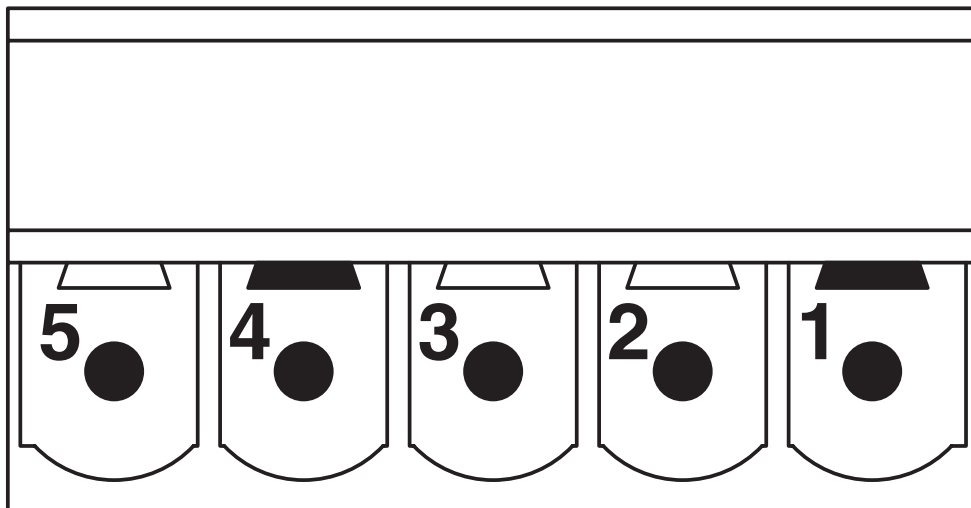
## Drawings

Dimensional drawing



Push-Pull connector

Schematic diagram



Connector pin assignment for PROFINET Push-Pull, power connector, 400 V

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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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