

VS-PPC-C2-MSTB-MNNA-P13-A5-SP - Power connector



1608074

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

Commercial data

Item number	1608074
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABNOHA
Catalog page	Page 350 (C-4-2015)
GTIN	4046356131742
Weight per piece (including packing)	96.3 g
Weight per piece (excluding packing)	96 g
Customs tariff number	85366990
Country of origin	DE

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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 plug
Type	MSTB
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 (at 20 °C)
	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

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Housing material	Zinc die-cast
Housing surface material	nickel-plated
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
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
	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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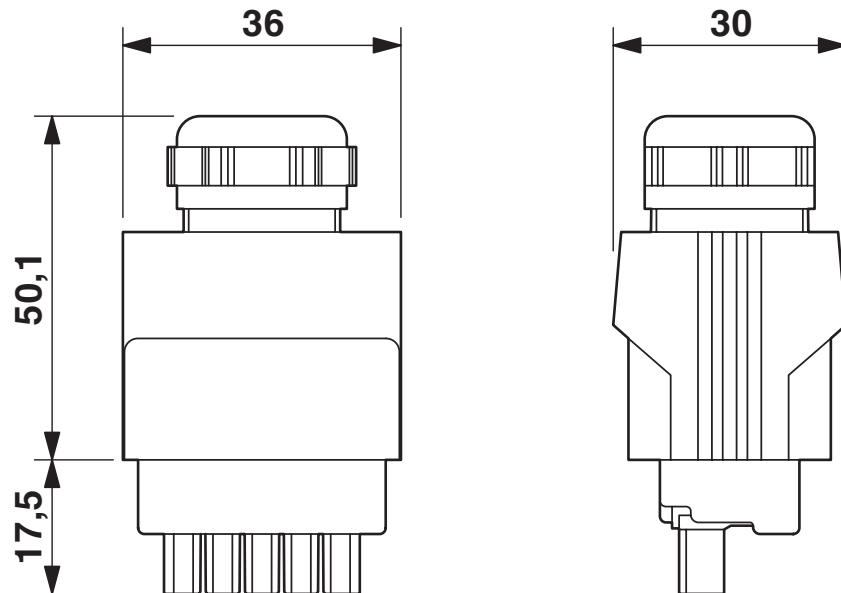


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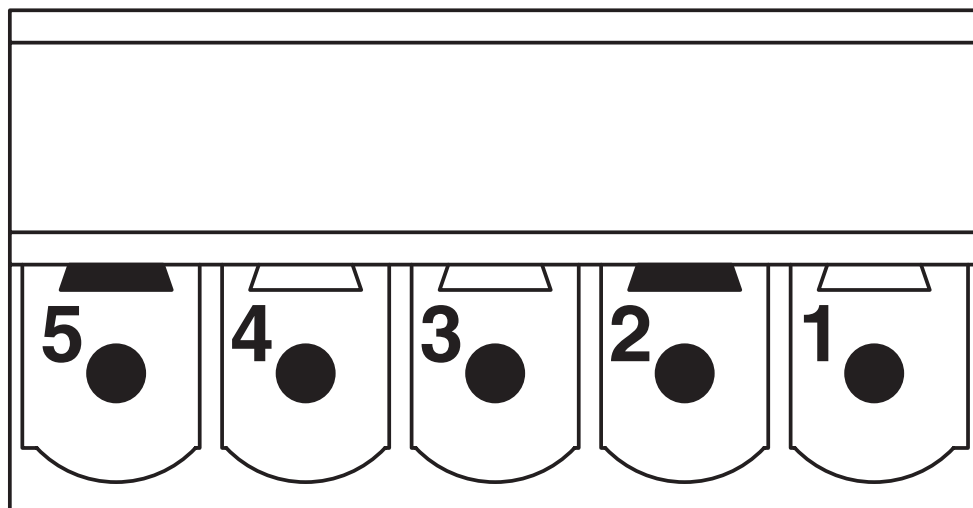
Drawings

Dimensional drawing



Push-Pull connector

Schematic diagram



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

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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)

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