

# Power connectors - VS-PPC-C2-MSTB-POBK-P13-A5-SP - 1657892


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Connector MSTB, IP67, with push-pull interlocking, plastic housing, 24 V, 5-polig, with spring-cage connection, for AWG 18 ... 13, for cable cross section 9.0 mm ... 13.0 mm



## Key commercial data

Packing unit	1 pc
GTIN	 4 046356 131964
Weight per Piece (excluding packing)	43.7 g
Custom tariff number	85366990
Country of origin	Germany

## Technical data

### Mechanical characteristics

Number of positions	5
Connection profile	MSTB
Locking type	Push Pull
Insertion/withdrawal cycles	≥ 100
Connection method	Spring-cage connection
Conductor cross section	0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	18 ... 13
External cable diameter	9 mm ... 13 mm
Cable exit	Straight
Color	black

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Degree of protection	IP65/67

### Material data

Inflammability class according to UL 94	V0
Housing material	PA-GF

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## Technical data

### Material data

Contact carrier material	PA
Contact material	Copper alloy
Contact surface material	Gold over nickel
Material	Plastic
Sealing material	NBR
Seal material	NBR
Cable seal material	TPE

### Electrical characteristics

Number of positions	5
Rated current	16 A (at 20 °C)
Pollution degree	2

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260703
eCl@ss 7.0	27440101
eCl@ss 8.0	27440101

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002636
ETIM 5.0	EC002636

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

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## Approvals

Ex Approvals

Approvals submitted

## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	14
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	24 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	14
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	24 V

GOST

GOST

cULus Recognized

## Accessories

Accessories

Connector

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## Accessories

Ferrule - AI 1,5 -10 BK - 3200195



Ferrule, Sleeve length: 10 mm, Length: 18 mm, Color: black

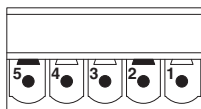
Ferrule - AI 2,5 -10 BU - 3202533



Ferrule, Sleeve length: 10 mm, Length: 17 mm, Color: blue

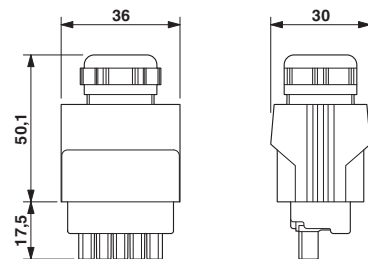
## Drawings

Schematic diagram



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

Dimensioned drawing



Push-Pull MSTB connector IP65/67