

Power connectors - VS-PPC-C2-MSTB-POBK-P13-B5-SP - 1608236

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid
(<http://download.phoenixcontact.com>)



MSTB connector, IP67, with push-pull interlocking, plastic housing, 400 V, 5-pos., with spring-cage connection, for AWG 18 ... 13, for cable cross section 9.0 mm ... 13.0 mm



Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	40.7 GRM
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 conn.
Conductor cross section	0.75 mm ² ... 2.5 mm ²
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
---	----

Power connectors - VS-PPC-C2-MSTB-POBK-P13-B5-SP - 1608236

Technical data

Material data

Housing material	PA-GF
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
Nominal voltage U_N	24 V
Nominal current I_N	16 A
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

Power connectors - VS-PPC-C2-MSTB-POBK-P13-B5-SP - 1608236

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm²/AWG/kcmil	14
Nominal current I _N	16 A
Nominal voltage U _N	400 V

cUL Recognized 	
mm²/AWG/kcmil	14
Nominal current I _N	16 A
Nominal voltage U _N	400 V

GOST 	
--	--

GOST 	
--	--

Power connectors - VS-PPC-C2-MSTB-POBK-P13-B5-SP - 1608236

Approvals

cULus Recognized  US

Accessories

Accessories

Connector

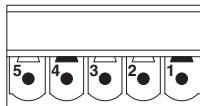
Ferrule - AI 2,5 -10 BU - 3202533



Ferrule, Length: 17 mm, Color: blue

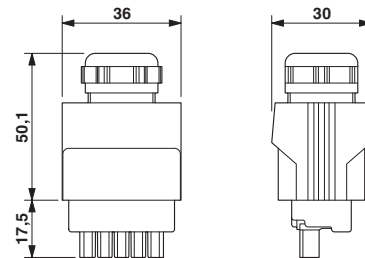
Drawings

Schematic diagram



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

Dimensioned drawing



Push-Pull MSTB connector IP65/67