Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Conductor - VS-P1220-P1220-C1020/ 2,0 - 1609183

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Assembled PROFINET power cable, 24 V, 5 x 2.5 mm², stranded (50-wire), color RAL 7001 (silver gray), PPC-MSTB metal on PPC-MSTB metal, length: 2 m

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	690.0 GRM
Custom tariff number	85444290
Country of origin	Germany

Technical data

Mechanical characteristics

Number of positions	5
Locking type	Push Pull
Shielded	No
Insertion/withdrawal cycles	≥ 100
Cable diameter	11.80 mm
Length of cable	2 m
Color	silver

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	-5 °C ... 70 °C (cable, flexible installation)
	Plug / socket
Degree of protection	IP65/IP67

Material data

Housing material	Zinc die-cast
Contact carrier material	PA

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Technical data

Material data

Contact material	Copper alloy
Contact surface material	Gold over nickel
Sealing material	NBR
Cable seal material	TPE
Outer sheath, material	PVC
External sheath, color	Silver-gray RAL 7001

Electrical characteristics

Rated voltage (III/3)	24 V
Rated current	16 A (at 20 °C)

Line characteristics

Cable type	PVC gray
Conductor cross section	5x 2.5 mm²
AWG power supply	14
Conductor structure, voltage supply	50x 0.25 mm
External cable diameter	11.8 mm
Wire colors	blue, brown, black, gray, green/yellow
External sheath, color	Gray RAL 7001
Insulation resistance	> 0.2 MΩ*km
Nominal voltage, cable	750 V
	1000 V (Fixed, protected installation)
Test voltage, cable	4000 V
Overall twist	5 cores, twisted
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Cable weight	242 kg/km
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	15 x D
cable layer type	Indoors
Flame resistance	According to IEC 60332-1-2
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 70 °C (cable, flexible installation)

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Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27279218
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218

ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

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

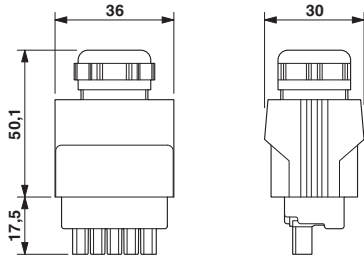## Drawings

Schematic diagram
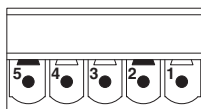
Schematic diagram
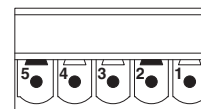
Connector pin assignment for PROFINET Push-Pull, power connector, 24 V Connector pin assignment for PROFINET Push-Pull, power connector, 24 V
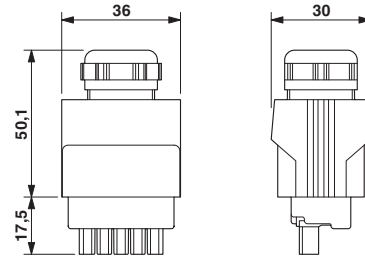
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Dimensioned drawing

36 | 30

50,1

17,5

Push-Pull MSTB connector IP65/67

Dimensioned drawing

36 | 30

50,1

17,5

Push-Pull MSTB connector IP65/67