

Cable connector - CA-12P1N128006 - 1619737

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Cable connector, straight, shielded: yes, Screw locking, M23, Number of positions: 12, Type of contact: Male connector, Solder connection, Cable diameter: 4 mm ... 6 mm

Why buy this product

- ✓ Safe use in the field, thanks to high degree of protection
- ✓ Connector for flexible on-site assembly
- ✓ Consistent EMC protection for reliable transmission of signals
- ✓ Solder connection: proven connection technology for various litz wires



Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C
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Data of the insulating body

Coding	N
Insulator material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Contact connection method	Solder connection
Type of contacts	Male connector

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Technical data

Data of the insulating body

Number of positions	12
Contact diameter of power contacts	1 mm
Litz wire cross section of power contacts min.	0.08 mm ²
Litz wire cross section of power contacts max.	1 mm ²
Nominal current per power contact at 25°C	8 A
Nominal voltage, power contact	150 V
Overvoltage category	II
Degree of pollution	3

Housing data

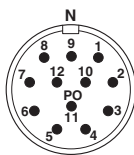
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking
Degree of protection (when plugged in)	IP67
Thread type	M23

Cable seal data

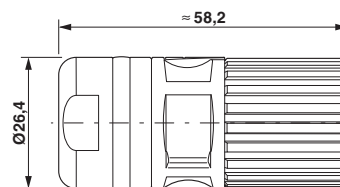
Min. cable diameter	4 mm
Max. cable diameter	6 mm
Sealing material	NBR

Drawings

Schematic diagram



Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	272607xx
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260702

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Classifications

eCl@ss

eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals


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UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals

Approval details


UL Recognized  http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm E335019-20141210	
mm ² /AWG/kcmil	18
Nominal current I _N	8 A
Nominal voltage U _N	150 V

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EAC B.01742

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Hook wrench - SF-Z0027 - 1607455



Hook wrench

Color-coding - RF-Z0014 - 1620588



Color-coding, Color: green

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Accessories

Color-coding - RF-Z0015 - 1620592



Color-coding, Color: orange

Color-coding - RF-Z0016 - 1620593



Color-coding, Color: black

Square mounting flange - RF-Z0003 - 1607905



Square mounting flange, Seal, axial, 4xM3, Flange dimensions: 35 mm x 35 mm

Protective cover

Plastic dust protection cap - RC-Z2058 - 1604223



Plastic dust protection cap for connectors with M23 knurled nuts

Plastic anti-static dust protection cap - RC-Z2468 - 1611796



Plastic dust protection cap, anti-static, for connectors with M23 knurled nuts

