

Cable connector - CA-06S1N128007 - 1619724

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://phoenixcontact.com/download>)



Cable connector, straight, shielded: Yes, Screw locking, M23, Number of positions: 6, Type of contact: Socket, Solder connection, Cable diameter: 6 mm ... 10 mm

Why buy this product



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 821933
Weight per Piece (excluding packing)	11.11 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C
---------------------------------	-------------------

Data of the insulating body

Insulator material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Coding	N
Contact connection method	Solder connection
Type of contacts	Socket
Number of positions	6
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.08 mm ²
Litz wire cross section of power contacts max.	2.5 mm ²
Nominal current per power contact at 25°C	20 A

Cable connector - CA-06S1N128007 - 1619724

Technical data

Data of the insulating body

Nominal voltage, power contact	300 V
Surge voltage category	II
Pollution degree	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	6 mm
Max. cable diameter	10 mm
Sealing material	NBR

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
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102

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

Approvals

Cable connector - CA-06S1N128007 - 1619724

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
mm ² /AWG/kcmil	14
Nominal current I _N	20 A
Nominal voltage U _N	300 V

cUL Recognized	
mm ² /AWG/kcmil	14
Nominal current I _N	10 A
Nominal voltage U _N	300 V

cULus Recognized	
------------------	--

Accessories

Accessories

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Cable connector - CA-06S1N128007 - 1619724

Accessories

Hook wrench - SF-Z0027 - 1607455



Hook wrench

Color-coding - RF-Z0014 - 1620588



Color-coding, Color: green

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

Cable connector - CA-06S1N128007 - 1619724

Accessories

Plastic dust protection cap - RC-Z2058 - 1604223



Plastic dust protection cap for connectors with M23 knurled nuts

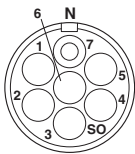
Plastic anti-static dust protection cap - RC-Z2468 - 1611796



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

Drawings

Schematic diagram



Dimensional drawing

