

Cable connector - CA-06S1N1280DNS - 1619605

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, SPEEDCON locking, M23, Number of positions: 6, Type of contact: Socket, Solder connection, Cable diameter: 3 mm ... 14.5 mm

Product Features



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	97.2 GRM
Custom tariff number	85366990
Country of origin	Germany

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 mm²
Litz wire cross section of power contacts max.	2.5 mm²

Cable connector - CA-06S1N1280DNS - 1619605

Technical data

Data of the insulating body

Nominal current per power contact at 25°C	20 A
Nominal voltage, power contact	300 V
Surge voltage category	II
Pollution degree	3

Housing data

Housing material	CuZn, GD-Zn
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
Thread type	M23

Cable seal data

Min. cable diameter	3 mm
Max. cable diameter	14.5 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

Cable connector - CA-06S1N1280DNS - 1619605

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm²/AWG/kcmil	14
Nominal current I _N	20 A
Nominal voltage U _N	300 V

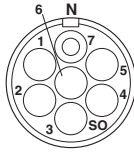
cUL Recognized 	
mm²/AWG/kcmil	14
Nominal current I _N	10 A
Nominal voltage U _N	300 V

cULus Recognized 	
--	--

Drawings

Cable connector - CA-06S1N1280DNS - 1619605

Schematic diagram



Dimensional drawing

