

Cable connector - CA-19S1N1280DN - 1619752

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Cable connector, straight, shielded: Yes, Screw locking, M23, Number of positions: 16+3, Type of contact: Socket, Solder connection, Cable diameter: 3 mm ... 14.5 mm

The figure shows the 12-pos. product version

Product Features



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	100.0 GRM
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

Insulator material	PA 66
Contact material	CuZn
Contact surface material	Ni/Au
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Solder connection
Type of contacts	Socket
Number of positions	19
Contact diameter of power contacts	1.5 mm
Litz wire cross section of power contacts min.	0.08 mm ²

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Technical data

Data of the insulating body

Litz wire cross section of power contacts max.	1 mm ²
Nominal current per power contact at 25°C	10 A
Nominal voltage, power contact	150 V
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.08 mm ²
Litz wire cross section of signal contacts max.	1 mm ²
Nominal current per signal contact at 25°C	8 A
Nominal voltage, signal contact	150 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	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

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Classifications

UNSPSC

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

Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	18
Nominal current I _N	8 A
Nominal voltage U _N	150 V

cUL Recognized 	
mm ² /AWG/kcmil	18
Nominal current I _N	5 A
Nominal voltage U _N	150 V

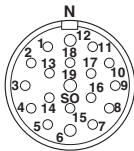
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Approvals



Drawings

Schematic diagram



Dimensional drawing

