

## Cable connector - CA-12S1N1280DN - 1619764

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Cable connector, straight, shielded: yes, Screw locking, M23, Number of positions: 12, Type of contact: Socket, Solder connection, Cable diameter: 3 mm ... 14.5 mm



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 821537
Weight per Piece (excluding packing)	96.6 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
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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	Socket
Number of positions	12
Contact diameter of power contacts	1 mm
Litz wire cross section of power contacts min.	0.08 mm <sup>2</sup>
Litz wire cross section of power contacts max.	1 mm <sup>2</sup>
Nominal current per power contact at 25°C	8 A
Nominal voltage, power contact	150 V
Overvoltage category	II

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## Technical data

### Data of the insulating body

Degree of pollution	3
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### 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

### 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

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## Approvals

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Ex Approvals

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Approvals submitted

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## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	18
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	150 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	18
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	150 V

cULus Recognized	
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## Accessories

Accessories

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

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### Accessories

Hook wrench - SF-Z0027 - 1607455



Hook wrench

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Color-coding - RF-Z0014 - 1620588



Color-coding, Color: green

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Color-coding - RF-Z0015 - 1620592



Color-coding, Color: orange

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Color-coding - RF-Z0016 - 1620593



Color-coding, Color: black

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Square mounting flange - RF-Z0003 - 1607905



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

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Protective cover

## Cable connector - CA-12S1N1280DN - 1619764

### Accessories

Plastic dust protection cap - RC-Z2058 - 1604223



Plastic dust protection cap for connectors with M23 knurled nuts

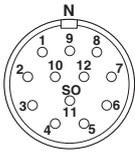
Plastic anti-static dust protection cap - RC-Z2468 - 1611796



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

### Drawings

Schematic diagram



Dimensional drawing

