

Cable connector - CA-12S2N1280DN - 1621435

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, CA, straight, shielded: yes, Screw locking, M23, No. of pos.: 12, type of contact: Socket, Solder connection, cable diameter range: 3 mm ... 14.5 mm, coding:N

The figure shows the product version with standard contact chamber numbering



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356932493
Custom tariff number	85366990
Country of origin	Germany

Technical data

Data of the insulating body

Coding	N
Insulator material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles mechanical	100
Contact connection method	Solder connection
Type of contacts	Socket
Application	Signal
Number of positions	12
Direction of rotation	Counter direction

Cable connector - CA-12S2N1280DN - 1621435

Technical data

Data of the insulating body

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
Rated current for power contacts	8 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
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

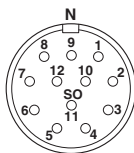
Cable diameter	3 mm ... 14.5 mm
Sealing material	NBR

Environmental Product Compliance

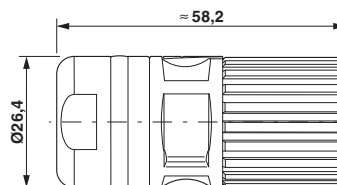
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Schematic diagram



Dimensional drawing



Contact chamber numbering (view of plug-in side), socket counter direction

Cable connector - CA-12S2N1280DN - 1621435

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 11.0	27440102
eCl@ss 4.0	27378000
eCl@ss 4.1	27378000
eCl@ss 5.0	27379100
eCl@ss 5.1	27379100
eCl@ss 6.0	27379200
eCl@ss 7.0	27379201
eCl@ss 9.0	27440102

ETIM

ETIM 4.0	EC002498
ETIM 6.0	EC002498
ETIM 7.0	EC002498

UNSPSC

UNSPSC 13.2	39121421
UNSPSC 18.0	39121421
UNSPSC 19.0	39121421
UNSPSC 20.0	39121421
UNSPSC 21.0	39121421

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

Cable connector - CA-12S2N1280DN - 1621435

Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210
Nominal voltage UN		48 V	
Nominal current IN		8 A	
mm ² /AWG/kcmil		18	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210
Nominal voltage UN		48 V	
Nominal current IN		6 A	
mm ² /AWG/kcmil		18	

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

Accessories

Accessories

Circular connectors (device side)

Hook wrench - SF-Z0027 - 1607455



Hook wrench

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Cable connector - CA-12S2N1280DN - 1621435

Accessories

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, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm

Protective cover

Protective cap - RC-Z2058 - 1604223



Plastic protection cap for connectors with M23 knurled nut

Cable connector - CA-12S2N1280DN - 1621435

Accessories

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



Plastic protection cap, antistatic, for connectors with M23 knurled nut

Metal protective cap - CA-Z0077 - 1627224



Metal protection cap with steel wire and loop, for M23 signal connectors with knurled nut for fastening to the cable
