

Coupler connector - CA-06S1N1290DN - 1620172

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Coupling connector, straight, shielded: yes, SPEEDCON locking, M23, No. of pos.: 6, type of contact: Socket, Solder connection, cable diameter range: 3 mm ... 14.5 mm

Why buy this product

- ✓ Safe use in the field, thanks to high degree of protection
- ✓ Connector for flexible on-site assembly
- ✓ Consistent EMC protection for reliable transmission of signals
- ✓ Solder connection: proven connection technology for various litz wires

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 818735
GTIN	4046356818735
Weight per Piece (excluding packing)	100.000 g
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

Coding	N
Insulator material	PBT
Contact material	CuZn

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Technical data

Data of the insulating body

Contact surface material	Ni/Au
Contact connection method	Solder connection
Type of contacts	Socket
Application	Signal
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
Nominal voltage, power contact	300 V
Rated surge voltage	2.5 kV
Overvoltage category	II
Degree of pollution	3

Housing data

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
Thread type	M23

Cable seal data

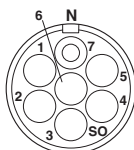
Cable diameter	3 mm ... 14.5 mm
Sealing material	NBR

Environmental Product Compliance

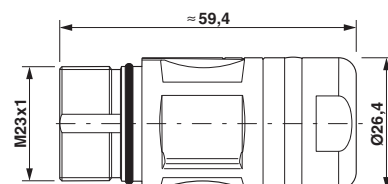
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Schematic diagram



Dimensional drawing



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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
eCl@ss 9.0	27440103

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	39121413

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

Coupler connector - CA-06S1N1290DN - 1620172

Approvals

UL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210
mm²/AWG/kcmil	14			
Nominal current I _N	20 A			
Nominal voltage U _N	300 V			

cUL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210	
mm²/AWG/kcmil	14				
Nominal current I _N	10 A				
Nominal voltage U _N	300 V				

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Mounting material

Color-coding - RF-Z0015 - 1620592



Color-coding, color: orange

Coupler connector - CA-06S1N1290DN - 1620172

Accessories

Color-coding - RF-Z0016 - 1620593



Color-coding, color: black

Color-coding - RF-Z0014 - 1620588



Color-coding, color: green

Protective cover

Plastic dust protection cap - SF-Z0019 - 1607449



Plastic dust protection cap, with eye, IP40 for connectors with M23 external thread, RF, SF series

Plastic dust protection cap - RC-Z2059 - 1604225



Plastic dust protection cap for connectors with M23 external thread

Plastic anti-static dust protection cap - RC-Z2469 - 1611797



Plastic dust protection cap, anti-static, for RF, SF, CA, RC series connectors, with M23 external thread

