CA-06S1N1280DN - Cable connector



https://www.phoenixcontact.com/us/products/1619776

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M23, Cable connector, series: CA, straight, shielded: yes, Screw locking mechanism, No. of pos. : 6, Direction of rotation: Standard, contact connection type: Socket, Solder connection, cable diameter range: 3 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243828

Your advantages

- · 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

Commercial data

Item number	1619776
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEA
Catalog page	Page 86 (C-2-2019)
GTIN	4046356821414
Weight per piece (including packing)	95.066 g
Weight per piece (excluding packing)	91.5 g
Customs tariff number	85366990
Country of origin	DE

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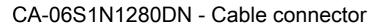
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Technical data

oduct properties	
Product type	Circular connector (cable-side)
onnector	
Connection 1	
Head design	Socket
Insulating body	
Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Socket
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter Signal contacts	2 mm
Litz wire cross-section Signal contacts max.	2.5 mm ²
Nominal current per signal contact	20 A
Housing	
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD Zn)
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23
Seal	
External cable diameter	3 mm 14.5 mm
Seal material	NBR

Environmental and real-life conditions



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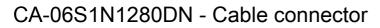
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Ambient conditions

Ambient temperature (operation)

-40 °C ... 125 °C



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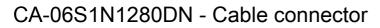
Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

	ETIM 9.0	EC002635	
UNSPSC			
	UNSPSC 21.0	39121400	



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Environmental product compliance

REACh SVHC	Lead 7439-92-1
China Dalla	Environmentally Friendly Lies Deried - 50 years
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the
	manufacturer's declaration available under "Downloads"

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