CA-06P1N12T006 - Cable connector

1620290

https://www.phoenixcontact.com/us/products/1620290

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without Exemption 6c (Pb < 0.1 %) item no.: 1244139

M23, Cable connector, series: CA, angled, shielded: yes, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Pin, Solder connection, cable diameter range: 4 mm ... 6 mm, coding: N, Alternative product in accordance with RoHS II

Your advantages

- · Angled cable outlet for confined spaces
- · Can be adapted to various applications, thanks to adjustable cable outlet direction
- · 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	1620290
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEC
Catalog page	Page 92 (C-2-2019)
GTIN	4046356817967
Weight per piece (including packing)	192 g
Weight per piece (excluding packing)	191.8 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties			
Product type	Circular connector (cable-side)		
Connector			
Insulating body			
Coding	Ν		
Insulation body material	РВТ		
Contact material	CuZn		
Contact surface material	Ni/Au		
Insertion/withdrawal cycles	100		
Connection method	Solder connection		
Contact switching type	Pin		
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

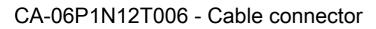
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23
Seal	
External cable diameter	4 mm 6 mm

NBR

Environmental and real-life conditions

Seal material

Ambient conditions	
Ambient temperature (operation)	-40 °C 125 °C
Ambient temperature (storage/transport)	15 °C 25 °C



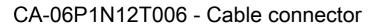
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Permissible humidity (storage/transport)

50 % ... 65 %



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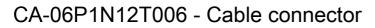
Classifications

ECLASS

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

ETIM

	ETIM 9.0	EC002635	
UN	UNSPSC		
	UNSPSC 21.0	39121400	



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Environmental product compliance

REACh SVHC	Lead 7439-92-1
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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