## CA-06S1N8A90DN - Coupler connector

1620170

https://www.phoenixcontact.com/us/products/1620170

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M23, Coupler connector, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Crimp 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.: 1244059

## 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
- · Crimping connection: vibration- and temperature-resistant assembly

### Commercial data

Item number	1620170
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEG
Catalog page	Page 88 (C-2-2019)
GTIN	4046356818759
Weight per piece (including packing)	95.4 g
Weight per piece (excluding packing)	91.6 g
Customs tariff number	85366990
Country of origin	DE

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### Technical data

General	Order crimp contacts 6 x Ø 2 mm separately
duct properties	
Product type	Circular connector (cable-side)
nnester	
onnector	
Connection 1	
Head design	Socket
nsulating body	
Note	Order information: Order crimp contacts Ø 2 mm separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Contact diameter Signal contacts	2 mm
Litz wire cross-section Signal contacts min.	1 mm <sup>2</sup>
Litz wire cross-section Signal contacts max.	2.5 mm <sup>2</sup>
Nominal current per signal contact	20 A
Rated voltage Signal contact	48 V AC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Housing	
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (G
-	Zn)
Type of locking	for standard and SPEEDCON interlock
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

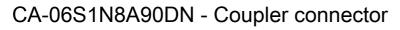


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Ambient conditions		
Ambient temperature (operation)	-40 °C 125 °C	
Ambient temperature (storage/transport)	15 °C 25 °C	
Permissible humidity (storage/transport)	50 % 65 %	



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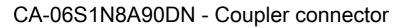
## Classifications

#### ECLASS

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

#### ETIM

	ETIM 9.0	EC002635		
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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