# CA-06S1N8A6Z00 - Device connector front mounting



1619901

https://www.phoenixcontact.com/us/products/1619901

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M23, Device connector front mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, Axial seal, Central fastening Pg13,5, coding: N

### 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	1619901
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEL
Catalog page	Page 94 (C-2-2019)
GTIN	4046356820653
Weight per piece (including packing)	27.4 g
Weight per piece (excluding packing)	23.9 g
Customs tariff number	85366990
Country of origin	DE

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### Technical data

lotes	
General	Order crimp contacts 6 x Ø 2 mm separately
roduct properties	
Product type	Circular connectors (device side)
onnector	
Connection 1	
Head design	Socket
Insulating body	
Note	Order information: Order crimp contacts Ø 2 mm separately
Coding	Ν
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	
Order information:	If necessary, order locking nut separately
Housing material	CuZn
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Degree of protection (plugged in)	IP67

#### Environmental and real-life conditions

Thread type

Ambient conditions	
Ambient temperature (operation)	-40 °C 125 °C

M23

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Ambient temperature (storage/transport)	15 °C 25 °C
Permissible humidity (storage/transport)	50 % 65 %



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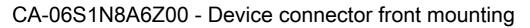
## Classifications

#### 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

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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