

Device connector, front mounting - CA-09S1N8A6Y00 - 1619867

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Device connector, front mounting, CA, straight, shielded: yes, for standard and SPEEDCON interlock, M23, No. of pos.: 8+1, type of contact: Socket, Crimp connection, Axial seal, Central fastening M20 x 1.5, coding:N

The figure shows the 6-pos. product version

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
- Application-specific wall mounting optionally with thread or anti-rotation protection and lock nut



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 820998
GTIN	4046356820998
Custom tariff number	85366990
Country of origin	Germany

Technical data

Temperature range

Temperature range	-40 °C ... 125 °C
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Data of the insulating body

Note	Order information: Order crimp contacts 8 x Ø 1 mm, 1 x Ø 2 mm separately
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Technical data

Data of the insulating body

Coding	N
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Socket
Application	Signal
Number of positions	9
Direction of rotation	Standard
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	1 mm ²
Litz wire cross section of power contacts max.	2.5 mm ²
Rated current for power contacts	20 A
Rated voltage	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.08 mm ²
Litz wire cross section of signal contacts max.	1 mm ²
Nominal current per signal contact	8 A

Housing data

Note	Order information: If necessary, order locking nut separately
Housing material	GD-Zn
Type of locking	for standard and SPEEDCON interlock
Degree of protection (when plugged in)	IP67
Thread type	M23

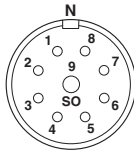
Environmental Product Compliance

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

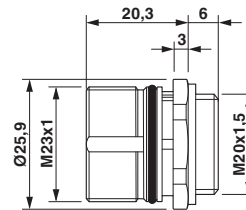
Drawings

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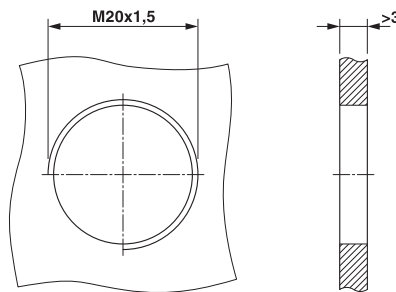
Schematic diagram



Dimensional drawing



Dimensional drawing



Installation dimensions

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 11.0	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	43172015
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Classifications

UNSPSC

UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Approvals


Approvals


Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210
Nominal voltage UN	48 V		
Nominal current IN	6 A		
mm ² /AWG/kcmil	20		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210
Nominal voltage UN	48 V		
Nominal current IN	4 A		
mm ² /AWG/kcmil	20		

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Approvals

cULus Recognized



Accessories

Accessories

Crimp contact

Crimp contact - RC-11S2000 - 1596772



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm² ... 0.22 mm²

Crimp contact - RC-12S2000 - 1599600



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm² ... 0.56 mm²

Crimp contact - RC-1KS2000 - 1602998



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm² ... 1 mm²

Crimp contact - RC-5CS2000 - 1603517



Crimp contact, turned, contact diameter: 2 mm, crimp range: 1 mm² ... 1.5 mm²

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Accessories

Crimp contact - RC-5AS2000 - 1603509



Crimp contact, turned, contact diameter: 2 mm, crimp range: 1.5 mm² ... 2.5 mm²

Crimp contact - RC-5SS2000 - 1603530



Crimp contact, turned, contact diameter: 2 mm, crimp range: 0.5 mm² ... 0.75 mm²

Crimp contact - RC-59S2000 - 1603501



Crimp contact, turned, contact diameter: 2 mm, crimp range: 0.75 mm² ... 1 mm²

Mounting material

Color-coding - CA-Z0110 - 1620700



Color-coding, color: green

Color-coding - CA-Z0111 - 1620701



Color-coding, color: orange

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Accessories

Color-coding - CA-Z0112 - 1620702



Color-coding, color: black

Contact removal tool - CA-Z0001 - 1620699



Unlocking tool for contact carriers for snapping in the M23 signal device connectors

M20 x 1.5 locking nut - RC-13041 - 1600417



M20 x 1.5 locking nut

Protective cover

Protective cap - SF-Z0019 - 1607449



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

Protective cap - RC-Z2059 - 1604225



Plastic protection cap for connectors with M23 external thread

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Accessories

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



Plastic protection cap, antistatic, for RF, SF, CA, RC series connectors, with M23 external thread

Metal protective cap - RC-Z2104 - 1604260



Metal protection cap for signal connectors with M23 external thread

Metal protective cap - RC-Z2068 - 1604236



Metal protection cap with steel wire for signal connectors with M23 external thread
