PHŒNIX CONTACT

Device connector, front mounting - CA-06P1N122S00 - 1619992

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Device connector for front wall, CA, straight, shielded: yes, for standard and SPEEDCON interlock, M23, No. of pos.: 6, type of contact: Pin, Solder connection, Flat gasket, 4x Ø 3.2, flange dimensions: 25 mm x 25 mm

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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 820028
GTIN	4046356820028

Technical data

Temperature range

Ambient temperature	-40 °C ... 125 °C

Data of the insulating body

Coding	N
Insulator material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles mechanical	100
Contact connection method	Solder connection
Type of contacts	Pin
Application	Signal
Number of positions	6
Direction of rotation	Standard

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Technical data

Data of the insulating body

Contact diameter of signal contacts	2 mm
Litz wire cross section of signal contacts max.	2.5 mm²
Nominal current per signal contact	20 A
Rated voltage of signal contact	300 V
Rated surge voltage	2.5 kV
Overvoltage category	II
Degree of pollution	3

Housing data

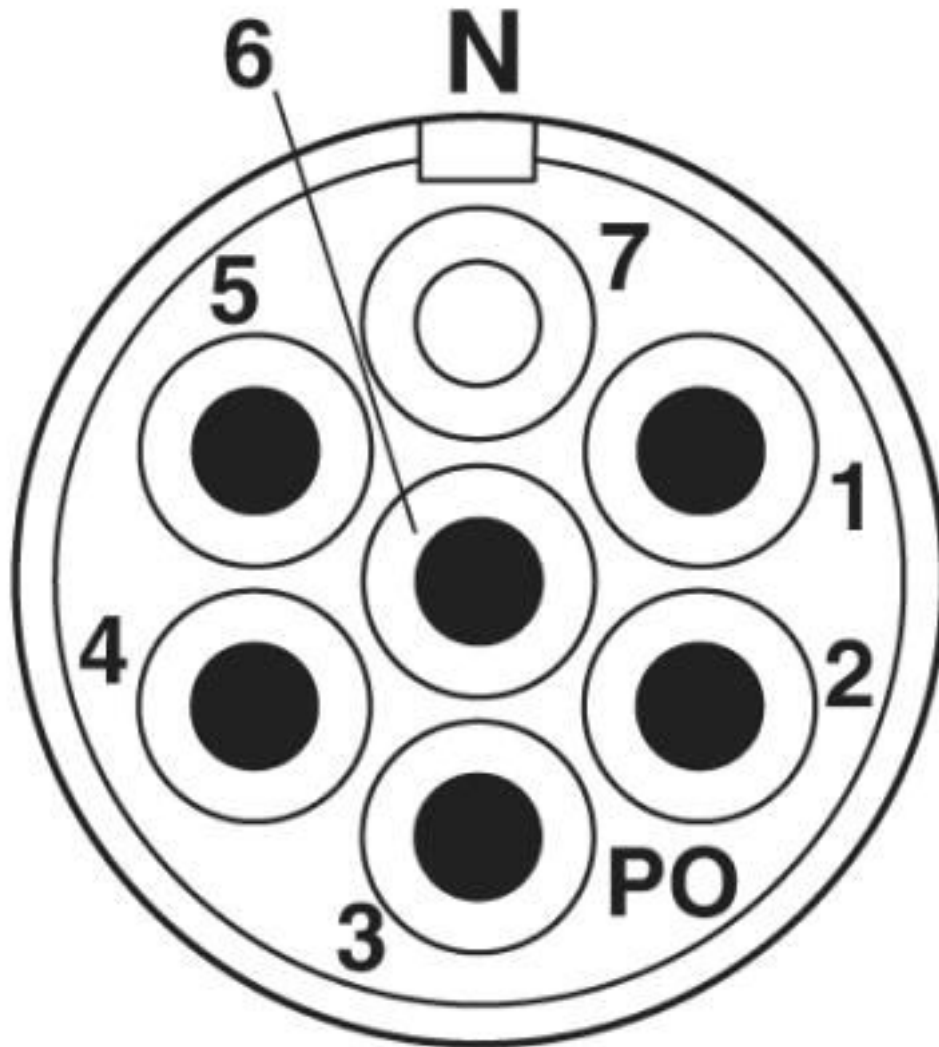| Housing material	GD-Zn
Flange dimensions	25 mm x 25 mm
Type of locking	for standard and SPEEDCON interlock
Degree of protection (when plugged in)	IP67
Thread type	M23

Environmental Product Compliance

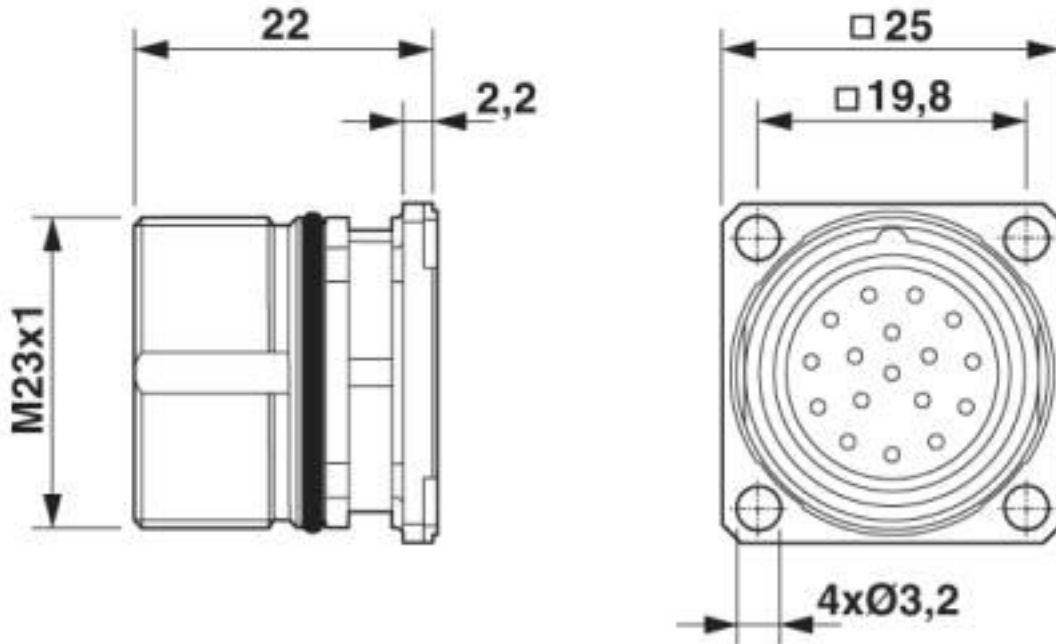| REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Device connector, front mounting - CA-06P1N122S00 - 1619992
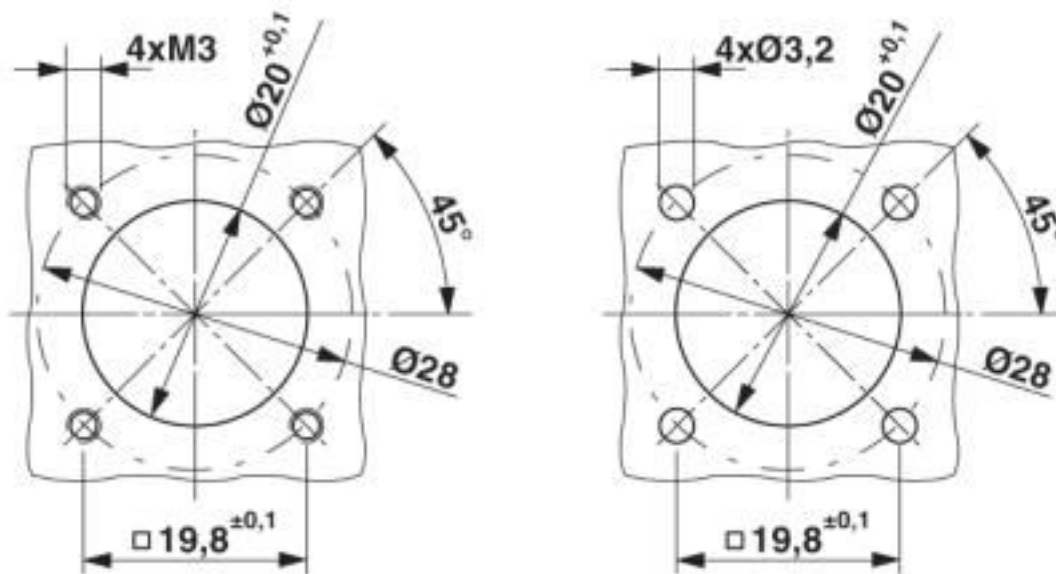
Schematic diagram

Device connector, front mounting - CA-06P1N122S00 - 1619992

Dimensional drawing

Dimensional drawing

Installation dimensions

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27140800

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Classifications

eCl@ss

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 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	43172015
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 / EAC / cULus Recognized

Ex Approvals

Approval details

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210

Nominal voltage UN	300 V
Nominal current IN	20 A
mm²/AWG/kcmil	14

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210

Nominal voltage UN	300 V
Nominal current IN	10 A
mm²/AWG/kcmil	14

EAC		B.01687

cULus Recognized	

Accessories

Accessories

Mounting material

Color-coding - CA-Z0120 - 1620704

Color-coding, color: green

Color-coding - CA-Z0121 - 1620705

Color-coding, color: orange

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Accessories

Color-coding - CA-Z0122 - 1620706

Color-coding, color: black

Contact removal tool - CA-Z0001 - 1620699

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

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Protective cover

Protective cap - SF-Z0019 - 1607449

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

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Protective cap - RC-Z2059 - 1604225

Plastic protection cap for connectors with M23 external thread

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

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

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Accessories

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

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