PHŒNIX CONTACT

Device connector, front mounting - CA-1RP1N8A2S00 - 1624014

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Device connector for front wall, CA, straight, shielded: yes, for standard and SPEEDCON interlock, M23, No. of pos.: 16+2+PE, type of contact: Pin, Crimp connection, Flat gasket, 4x Ø 3.2, flange dimensions: 25 mm x 25 mm

Similar to figure, please order crimp contacts separately

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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 228181
GTIN	4055626228181
Weight per Piece (excluding packing)	40.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Data of the insulating body

Note	Order information: Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE, first) separately
Coding	N
Insulator material	PA 6.6
Contact connection method	Crimp connection

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Technical data

Data of the insulating body

Type of contacts	Pin
Application	Signal
Number of positions	19
Direction of rotation	Standard
Contact diameter of power contacts	1.5 mm
Litz wire cross section of power contacts min.	0.08 mm²
Litz wire cross section of power contacts max.	1 mm²
Rated current for power contacts	10 A
Note	for max. connection cross section
Rated voltage of power contact	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.08 mm²
Litz wire cross section of signal contacts max.	1 mm²
Nominal current per signal contact	8 A
Rated voltage of signal contact	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3

Housing data

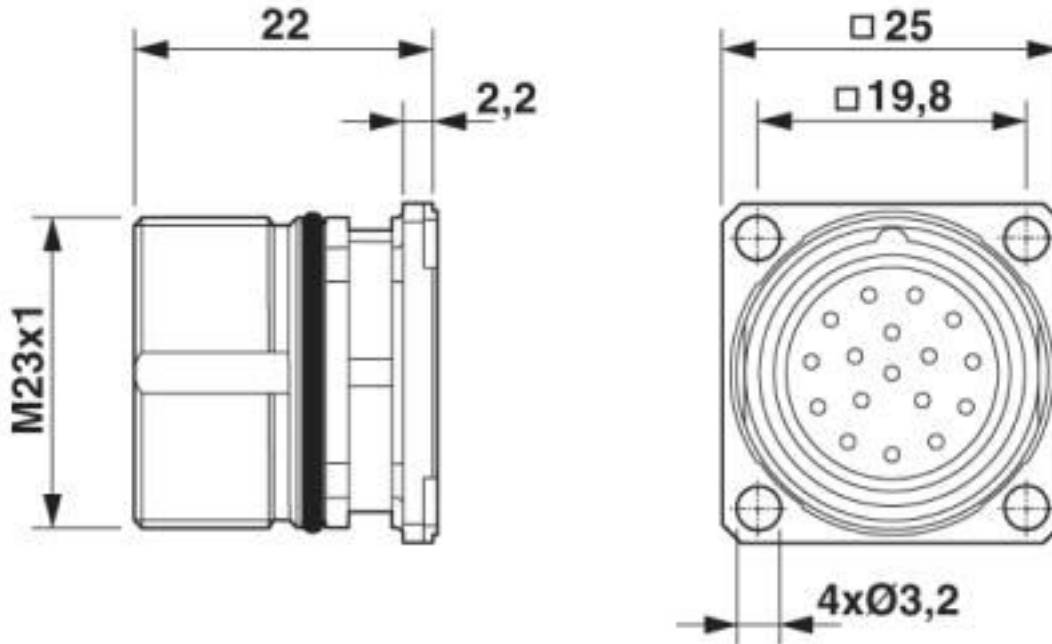|	
Housing material	GD-Zn
Flange dimensions	25 mm x 25 mm
Type of locking	for standard and SPEEDCON interlock
Degree of protection (when plugged in)	IP67
Thread type	M23

Environmental Product Compliance

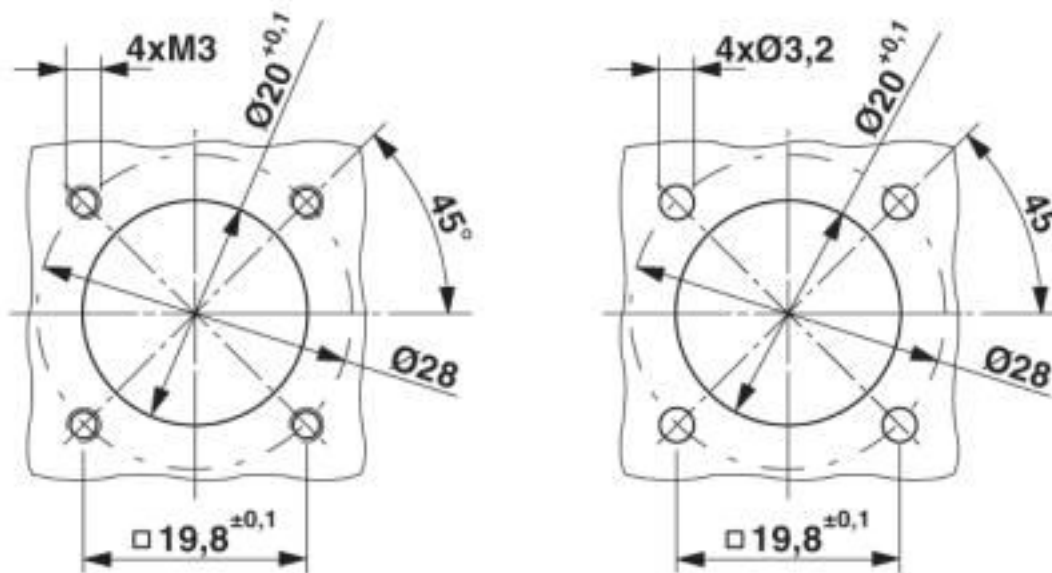|	
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

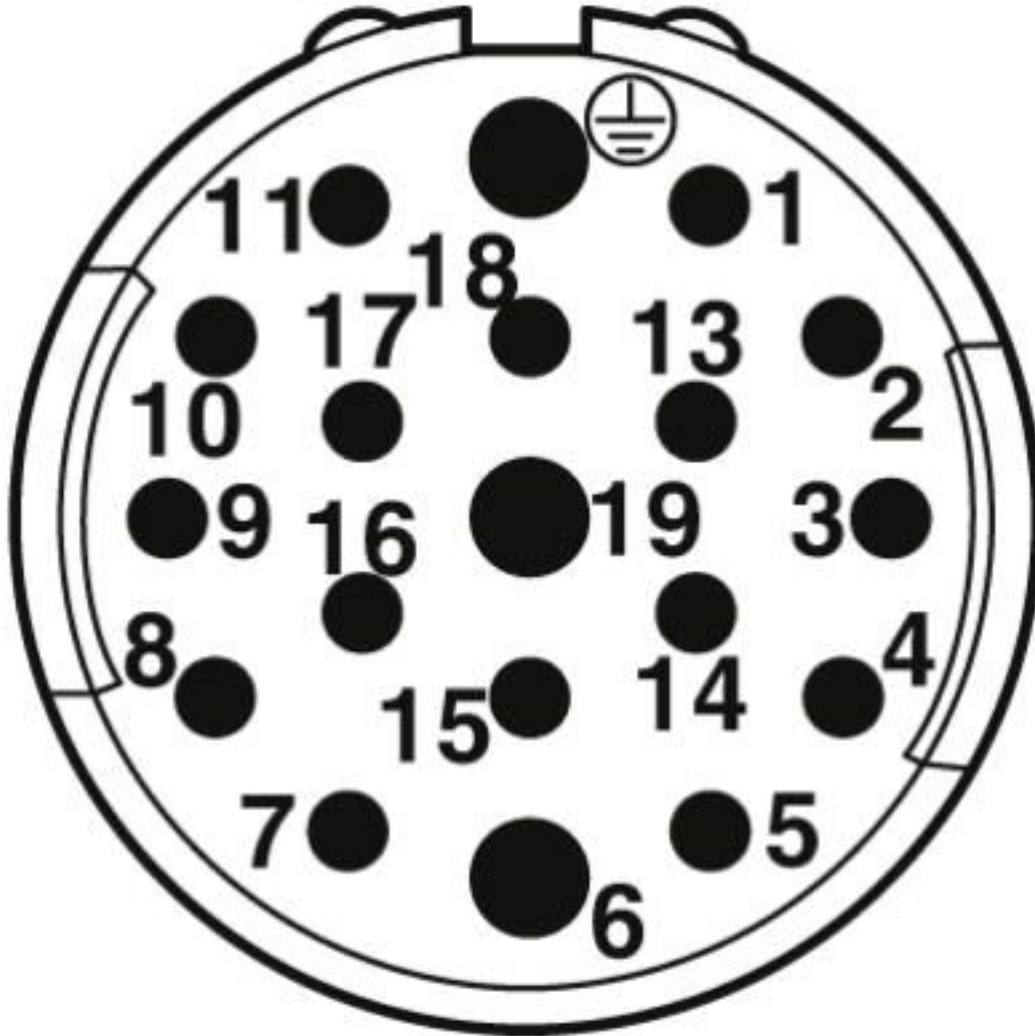# Device connector, front mounting - CA-1RP1N8A2S00 - 1624014

Dimensional drawing

Dimensional drawing

Installation dimensions

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Schematic diagram

Classifications

eCl@ss

eCl@ss 10.0.1	27440109
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440102

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Classifications

eCl@ss

eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 5.0	EC002635
ETIM 6.0	EC002061

UNSPSC

UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EAC	B.01687

Accessories

Accessories

Crimp contact

Device connector, front mounting - CA-1RP1N8A2S00 - 1624014

Accessories

Crimp contact - RC-15P2010 - 1623776

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

Crimp contact - RC-15P2020 - 1623777

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

Crimp contact - RC-15P2030 - 1623778

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

Crimp contact - RC-15P2200 - 1627292

Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.08 mm² ... 0.22 mm²

Crimp contact - RC-15P2300 - 1627291

Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.14 mm² ... 0.56 mm²

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Accessories

Crimp contact - RC-15P2000 - 1623779

Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.5 mm² ... 1 mm²

Crimp contact - RC-15P2100 - 1623780

Crimp contact, leading (PE), turned, contact diameter: 1.5 mm, crimp range: 0.5 mm² ... 1 mm²

Mounting material

Contact removal tool - CA-Z0001 - 1620699

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

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

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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Metal protective cap - RC-Z2104 - 1604260

Metal protection cap for signal connectors with M23 external thread

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Accessories

Metal protective cap - RC-Z2068 - 1604236

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