PHŒNIX CONTACT

Cable connector - CA-1RP1N8AT007S - 1624086

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Cable connector, CA, angled, shielded: yes, SPEEDCON locking, M23, No. of pos.: 16+2+PE, type of contact: Pin, Crimp connection, cable diameter range: 6 mm ... 10 mm, coding:N

The figure shows the 12-pos. product version with solder contacts

Your advantages

☑ Angled cable outlet for confined spaces

☑ Can be adapted to various applications, thanks to adjustable cable outlet direction

☑ 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

☑ Reduced connection time with SPEEDCON fast locking system

☑ Crimping connection: vibration- and temperature-resistant assembly

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 230764
GTIN	4055626230764
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

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Technical data

Data of the insulating body

Insulator material	PA 6.6
Contact connection method	Crimp connection
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	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 mm²
Litz wire cross section of signal contacts max.	1 mm²
Nominal current per signal contact	8 A
Rated voltage of signal contact	48 V AC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing data

Housing material	Metal
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
Thread type	M23

Cable seal data

Cable diameter	6 mm ... 10 mm
Sealing material	NBR

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years

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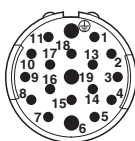# Cable connector - CA-1RP1N8AT007S - 1624086

Technical data

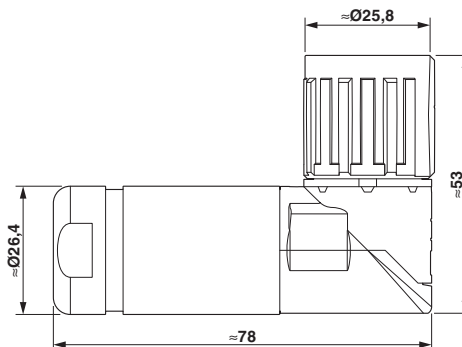### Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Schematic diagram

Dimensional drawing

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 11.0	27440102
eCl@ss 4.0	272607xx
eCl@ss 4.1	272607xx
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260702
eCl@ss 7.0	27440102
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015

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Classifications

UNSPSC

UNSPSC 12.01	43201404
UNSPSC 13.2	43201404
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Accessories

Accessories

Circular connectors (device side)

Hook wrench - SF-Z0027 - 1607455

Hook wrench

Crimp contact

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

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Accessories

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

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

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Accessories

Color-coding - RF-Z0014 - 1620588

Color-coding, color: green

Color-coding - RF-Z0015 - 1620592

Color-coding, color: orange

Color-coding - RF-Z0016 - 1620593

Color-coding, color: black

Square mounting flange - RF-Z0003 - 1607905

Square mounting flange, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm

Torque screwdriver - SF-Z0028 - 1607456

Torque screwdriver

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Accessories

Special wrench - RF-Z0007 - 1614347

Special wrench

Protective cover

Protective cap - RC-Z2058 - 1604223

Plastic protection cap for connectors with M23 knurled nut

Plastic anti-static dust protection cap - RC-Z2468 - 1611796

Plastic protection cap, antistatic, for connectors with M23 knurled nut

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Metal protective cap - CA-Z0077 - 1627224

Metal protection cap with steel wire and loop, for M23 signal connectors with knurled nut for fastening to the cable

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