PHŒNIX CONTACT

Cable connector - CA-12P1N8AT007S - 1619383

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Cable connector, angled, shielded: yes, SPEEDCON locking, M23, No. of pos.: 12, type of contact: Pin, Crimp connection, cable diameter range: 6 mm ... 10 mm

The figure shows the 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 **SPEEDCON LOCKING**

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 824644
GTIN	4046356824644
Weight per Piece (excluding packing)	187.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Temperature range

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

Data of the insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Insulator material	PA 6.6

PHŒNIX CONTACT

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Technical data

Data of the insulating body

Contact connection method	Crimp connection
Type of contacts	Pin
Application	Signal
Number of positions	12
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 at 25°C	8 A
Nominal voltage, signal contact	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
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
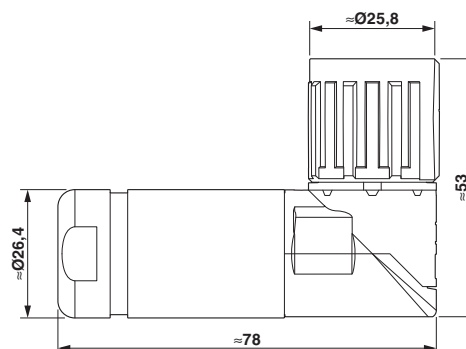
REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Schematic diagram
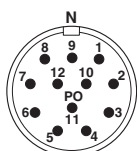
Dimensional drawing

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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	272607xx
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

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

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

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	150 V
Nominal current IN	6 A
mm²/AWG/kcmil	20

PHŒNIX CONTACT

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Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210
Nominal voltage UN		150 V	
Nominal current IN		4 A	
mm²/AWG/kcmil		20	

cULus Recognized	

Accessories

Accessories

Crimp contact

Crimp contact - RC-12P2000 - 1597862

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

Crimp contact - RC-11P2000 - 1596770

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

Crimp contact - RC-1KP2000 - 1602996

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

PHŒNIX CONTACT

Cable connector - CA-12P1N8AT007S - 1619383

Accessories

Crimp contact - RC-22P2400 - 1603325

Crimp contact, rolled, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

Crimp contact - RC-22P2000 - 1603321

Crimp contact, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

Crimp contact - RC-22P2300 - 1603324

Crimp contact, rolled, Taped articles, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

Mounting material

Torque screwdriver - SF-Z0028 - 1607456

Torque screwdriver

Hook wrench - SF-Z0027 - 1607455

Hook wrench

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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

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