PHŒNIX CONTACT

Cable connector - CA-12P1N12T0DNS - 1619437

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

Cable connector, angled, shielded: yes, SPEEDCON locking, M23, No. of pos.: 12, type of contact: Pin, Solder connection, cable diameter range: 3 mm ... 14.5 mm

Why buy this product

☑ 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

☑ Solder connection: proven connection technology for various litz wires

RoHS SPEEDCON LOCKING

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 824101
GTIN	4046356824101
Custom tariff number	85366990
Country of origin	Germany

Technical data

Temperature range

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

Data of the insulating body

Coding	N
Insulator material	PBT

07/03/2018   Page 1 / 6

PHŒNIX CONTACT

Cable connector - CA-12P1N12T0DNS - 1619437

Technical data

Data of the insulating body

Contact material	CuZn
Contact surface material	Ni/Au
Contact connection method	Solder connection
Type of contacts	Pin
Application	Signal
Number of positions	12
Contact diameter of power contacts	1 mm
Litz wire cross section of power contacts min.	0.08 mm²
Litz wire cross section of power contacts max.	1 mm²
Nominal current per power contact at 25°C	8 A
Nominal voltage, power 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	3 mm ... 14.5 mm
Sealing material	NBR

Environmental Product Compliance

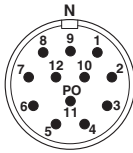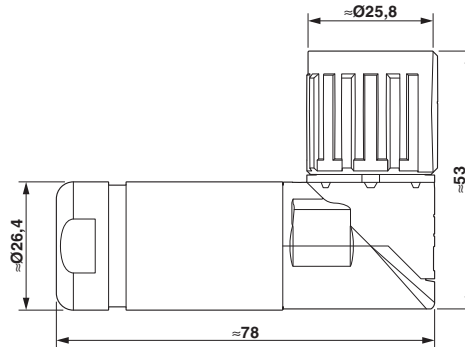|	
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

PHŒNIX
CONTACT

Cable connector - CA-12P1N12T0DNS - 1619437

Schematic diagram

Dimensional drawing

Classifications

eCl@ss

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 8.0	27440102
eCl@ss 9.0	27440103

ETIM

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

UNSPSC

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

Approvals

Approvals

PHŒNIX CONTACT

Cable connector - CA-12P1N12T0DNS - 1619437

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
mm²/AWG/kcmil		18	
Nominal current IN		8 A	
Nominal voltage UN		150 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210
mm²/AWG/kcmil		18	
Nominal current IN		6 A	
Nominal voltage UN		150 V	

cULus Recognized	

Accessories

Accessories

Mounting material

Torque screwdriver - SF-Z0028 - 1607456

Torque screwdriver

PHŒNIX
CONTACT

Cable connector - CA-12P1N12T0DNS - 1619437

Accessories

Hook wrench - SF-Z0027 - 1607455

Hook wrench

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

Plastic dust protection cap - RC-Z2058 - 1604223

Plastic dust protection cap for connectors with M23 knurled nuts

Cable connector - CA-12P1N12T0DNS - 1619437

Accessories

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

Plastic dust protection cap, anti-static, for connectors with M23 knurled nuts