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Coupler connector - CA-19P1N1290DN - 1620146

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The figure shows the 12-pos. product version

Coupling connector, straight, shielded: yes, SPEEDCON locking, M23, Number of positions: 16+3, Type of contact: Male connector, Solder connection, Cable diameter: 3 mm ... 14.5 mm

Why buy this product

- Sicherer Einsatz im Feld durch hohe Schutzarten
- Steckverbinder für die flexible Konfektionierung vor Ort
- Durchgängiger EMV-Schutz zur zuverlässigen Übertragung von Signalen
- Lötanschluss: bewährte Anschlusstechnik für unterschiedliche Litzen

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 818988

Technical data

Temperature range

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

Data of the insulating body

Coding	N
Insulator material	PA 66
Contact material	CuZn
Contact surface material	Ni/Au
Contact connection method	Solder connection
Type of contacts	Male connector
Number of positions	19
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
Nominal current per power contact at 25°C	10 A
Nominal voltage, power contact	150 V
Contact diameter of signal contacts	1 mm

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Technical data

Data of the insulating body

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
Overvoltage category	II
Degree of pollution	3

Housing data

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
Thread type	M23

Cable seal data

Min. cable diameter	3 mm
Max. cable diameter	14.5 mm
Sealing material	NBR

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

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635

UNSPSC

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

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Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

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

cUL Recognized

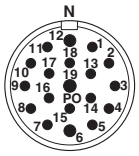
mm²/AWG/kcmil	18
Nominal current IN	5 A
Nominal voltage UN	150 V

cULus Recognized

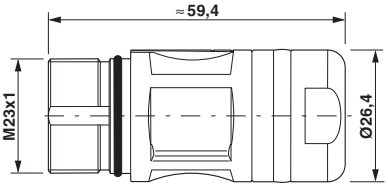
Drawings

Coupler connector - CA-19P1N1290DN - 1620146

Schematic diagram



Dimensional drawing



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To access the product, click on the green button.

Product	Code	Reference	Product link
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