

Cable connector - CA-06P1N8A80DN - 1619773

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Cable connector, straight, shielded: yes, Screw locking, M23, No. of pos.: 6, type of contact: Pin, Crimp connection, cable diameter range: 3 mm ... 14.5 mm


The figure shows the product version with solder contacts

Why buy this product

- 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



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 821445
GTIN	4046356821445

Technical data

Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C
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Data of the insulating body

Note	Order information: Order crimp contacts separately
Coding	N
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Pin
Application	Signal
Number of positions	6
Contact diameter of power contacts	2 mm
Nominal current per power contact at 25°C	20 A

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Technical data

Data of the insulating body

Nominal voltage, power contact	300 V
Rated surge voltage	2.5 kV
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	Screw locking
Degree of protection (when plugged in)	IP67
Thread type	M23

Cable seal data

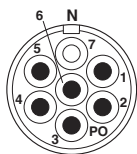
Cable diameter	3 mm ... 14.5 mm
Sealing material	NBR

Environmental Product Compliance

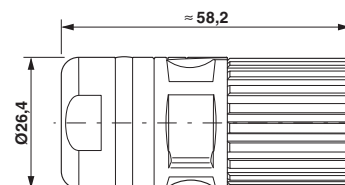
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Schematic diagram



Dimensional drawing



Approvals

Approvals

Approvals


EAC / UL Recognized / cUL Recognized / cULus Recognized


Ex Approvals


Approval details

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Approvals

EAC		B.01742
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210
Nominal voltage UN		300 V
Nominal current IN		17 A
mm ² /AWG/kcmil		14

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210
Nominal voltage UN		300 V
Nominal current IN		10 A
mm ² /AWG/kcmil		14

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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