

Coupler connector - SF-5EP1N8A90DU - 1605499

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Coupler connector, straight short, Screw locking, M23, Number of positions: 5+PE, Type of contact: Male connector, Crimp connection, shielded: Yes, Cable diameter: 7.5 mm...14 mm

The figure shows the 8-pos. (4+3+PE) product version



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	101.09 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	Order information Order crimp contacts 6 x Ø 2 mm separately
Type of locking	Screw locking
Coding	N
Contact connection method	Crimp connection
Type of contacts	Male connector
Number of positions	6
Contact diameter of power contacts	2 mm
Nominal current per power contact at 25°C	30 A
Contact diameter of signal contacts	2 mm
Conductor entry	7.5 mm ... 14 mm

Ambient conditions

Ambient temperature	-20 °C ... 125 °C
Degree of protection	IP67

Material

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Technical data

Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

Installation height max.	3000 m
Nominal / operating voltage of power contacts	630 V
Rated surge voltage of power contacts	6 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3
Rated surge voltage of signal contacts	6 kV
Surge voltage category of signal contacts	III
Pollution degree of signal contacts	3

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27242290
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	EC001121
ETIM 5.0	EC002641

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


cUL Recognized / UL Recognized / cULus Recognized


Ex Approvals

Approvals submitted

Approval details

cUL Recognized 	
mm ² /AWG/kcmil	4
Nominal current I _N	15 A
Nominal voltage U _N	600 V

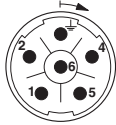
UL Recognized 	
mm ² /AWG/kcmil	4
Nominal current I _N	25 A
Nominal voltage U _N	600 V

cULus Recognized 	
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Drawings

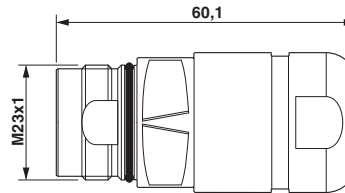
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Schematic diagram



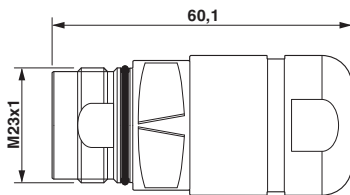
Connector pin assignment

Dimensioned drawing



Dimensional drawing

Dimensioned drawing



Diagram

