

Device connector, front mounting with knurled nut - SF-5ES1N8AY000 - 1607082

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Device connector, front mounting with knurled nut, straight, Screw locking, M23, Number of positions: 5+PE, Type of contact: Socket, Crimp connection, Axial O-ring, 4xØ3,2, Shielded: Yes, Flange dimensions: 26 mm x 26 mm, Cable diameter: 0 mm...0 mm

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



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 278676
Weight per Piece (excluding packing)	67.9 g
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	Socket
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	0 mm ... 0 mm
Mounting type	4xØ3,2

Ambient conditions

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

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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	4 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	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440209

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002635

UNSPSC

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

Approvals

Approvals

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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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Accessories

Accessories

Crimp contact

Crimp contact - SF-7PS2000 - 1605636



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 0.25 mm²...1 mm²

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Accessories

Crimp contact - SF-7NS2000 - 1605631



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 0.75 mm²...1.5 mm²

Crimp contact - SF-7QS2000 - 1605643



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 1 mm²...2.5 mm²

Crimp contact - SF-7MS2000 - 1605628



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 4 mm²...4 mm²

Mounting material

Color-coding - RF-Z0017 - 1620624



Color-coding, Color: green

Color-coding - RF-Z0018 - 1620625



Color-coding, Color: orange

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Accessories

Color-coding - RF-Z0019 - 1620626



Color-coding, Color: black

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Hook wrench - SF-Z0027 - 1607455



Hook wrench

Protective cover

Plastic dust protection cap - RC-Z2058 - 1604223



Plastic dust protection cap for connectors with M23 knurled nuts

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



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

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Accessories

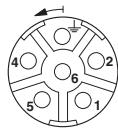
Metal dust protection cap - SC-Z2322 - 1605459



Metal dust protection cap with steel wire for power plugs with M23 knurled nuts

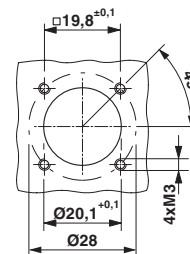
Drawings

Schematic diagram



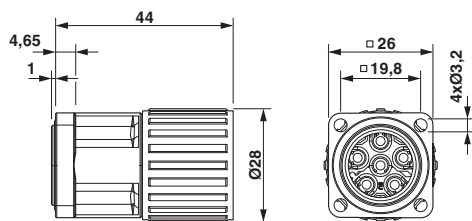
Connector pin assignment

Dimensioned drawing



Installation dimensions

Dimensioned drawing



Dimensional drawing

Diagram

