

## Cable connector - SF-5ES1N8A80DUS - 1618197

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

The illustration shows the 4+3+PE version



### Key commercial data

Packing unit	1 pc
GTIN	 4 046356 584456
Weight per Piece (excluding packing)	151.6 g
Custom tariff number	85366990
Country of origin	Germany
Product key	ABRCBH
Note	Made to Order (non-returnable)

### Technical data

#### General

Note	Order information Order crimp contacts 6 x Ø 2 mm separately
Type of locking	SPEEDCON 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	7.5 mm ... 14 mm

#### Ambient conditions

Ambient temperature	-40 °C ... 125 °C
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## Technical data

### Ambient conditions

Degree of protection	IP67
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### 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	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	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

## Approvals

### Approvals

#### Approvals

cUL Recognized / UL Recognized / cULus Recognized


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### Approvals


Ex Approvals

Approvals submitted

### Approval details

cUL Recognized 	
mm²/AWG/kcmil	4.0
Nominal current I <sub>N</sub>	15 A
Nominal voltage U <sub>N</sub>	600 V

UL Recognized 	
mm²/AWG/kcmil	4.0
Nominal current I <sub>N</sub>	25 A
Nominal voltage U <sub>N</sub>	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

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Crimp contact - SF-7QS2000 - 1605643



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

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### Mounting material

Color-coding - SF-Z0064 - 1620585



Color-coding, Color: green

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Color-coding - SF-Z0065 - 1620586



Color-coding, Color: orange

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Color-coding - SF-Z0066 - 1620587



Color-coding, Color: black

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### Accessories

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

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Hook wrench - SF-Z0027 - 1607455



Hook wrench

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Square mounting flange - SF-Z0068 - 1620927



Square mounting flange, 4xM3, Flange dimensions: 38 mm x 38 mm

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### Protective cover

Plastic dust protection cap - RC-Z2058 - 1604223



Plastic dust protection cap for connectors with M23 knurled nuts

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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

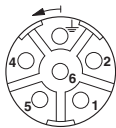
Metal dust protection cap - SC-Z2322 - 1605459



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

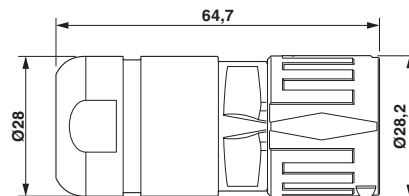
### Drawings

Schematic diagram



Connector pin assignment

Dimensioned drawing



Dimensional drawing

Diagram

