

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)	119.7 g
Custom tariff number	85366990
Country of origin	Germany
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
Pg housing screw connection	none

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
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Rated surge voltage of signal contacts	6 kV
Overvoltage category of signal contacts	III
Degree of pollution 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

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UL Recognized / cUL Recognized


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Approvals

Ex Approvals

Approvals submitted

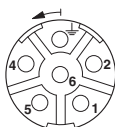
Approval details

UL Recognized 	
mm²/AWG/kcmil	4.0
Nominal current I _N	27 A
Nominal voltage U _N	600 V

cUL Recognized	
mm²/AWG/kcmil	4.0
Nominal current I _N	18 A
Nominal voltage U _N	600 V

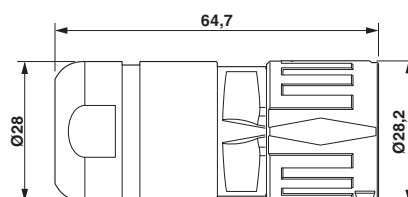
Drawings

Schematic diagram



Connector pin assignment

Dimensional drawing



Dimensional drawing

Diagram

