

# Pin/socket, panel feed-through - SF-7EE1N8AS000 - 1605567


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Pin/socket, panel feed-through, straight, M23, M23, Number of positions: 4+3+PE, Type of contact: Socket, Crimp connection, Axial O-ring, 4xM3, Shielded: Yes, Cable diameter: 0 mm...0 mm



## Key commercial data

Packing unit	1 pc
GTIN	 4 046356 253635
Weight per Piece (excluding packing)	166.88 g
Custom tariff number	85444290
Country of origin	Germany

## Technical data

### General

Type of locking	M23
Coding	N
Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	8
Nominal current per power contact at 25°C	30 A
Nominal current per signal contact at 25°C	9 A
Conductor entry	0 mm ... 0 mm
Mounting type	4xM3

### Ambient conditions

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

### 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

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## Technical data

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	4 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3
Nominal / operating voltage of signal contacts	250 V
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	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27440312

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

UL Recognized / cUL Recognized / cULus Recognized

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## Approvals

Ex Approvals

Approvals submitted

## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	4
Nominal current I <sub>N</sub>	25 A
Nominal voltage U <sub>N</sub>	600 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	4
Nominal current I <sub>N</sub>	15 A
Nominal voltage U <sub>N</sub>	600 V

cULus Recognized	
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## Accessories

Accessories

Mounting material

Color-coding - SF-Z0064 - 1620585

Color-coding, Color: green



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### Accessories

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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Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

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Hook wrench - SF-Z0027 - 1607455



Hook wrench

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### Protective cover

Plastic dust protection cap - SF-Z0019 - 1607449



Plastic dust protection cap with IP40 eye for connectors with M23 external thread, RF, SF series

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# Pin/socket, panel feed-through - SF-7EE1N8AS000 - 1605567

## Accessories

Plastic dust protection cap - RC-Z2059 - 1604225



Plastic dust protection cap for connectors with M23 external thread

Plastic anti-static dust protection cap - RC-Z2469 - 1611797



Plastic dust protection cap, anti-static, for RF, SF series connectors, with M23 external thread

Metal dust protection cap - SC-Z2319 - 1605456



Metal dust protection cap for power plugs with M23 external thread

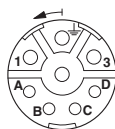
Metal dust protection cap - SC-Z2320 - 1605457



Metal dust protection cap with steel wire for power plugs with M23 external thread

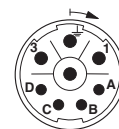
## Drawings

Schematic diagram



Socket pin assignment

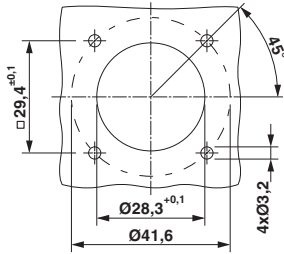
Schematic diagram



Pin assignment of pin

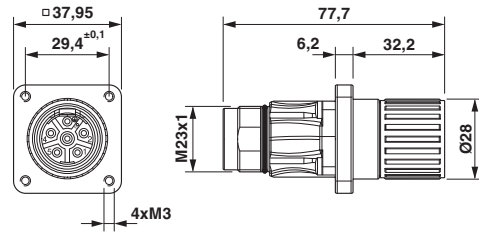
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Dimensioned drawing



Installation dimensions

Dimensioned drawing



Dimensional drawing

Diagram

