

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, 4x Ø3.2, 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 |
| Weight per Piece (excluding packing) | 60.0 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 |
| Pg housing screw connection | none |
| Mounting type | 4x Ø3.2 |

Ambient conditions

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Technical data

Ambient conditions

| | |
|----------------------|-------------------|
| Ambient temperature | -40 °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 |

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 | 4 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 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 7.0 | 27440209 |
| eCl@ss 8.0 | 27440103 |
| eCl@ss 9.0 | 27440103 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC002061 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 6.01 | 43172015 |
|-------------|----------|

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Classifications

UNSPSC

| | |
|---------------|----------|
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 43201404 |

Approvals

Approvals


Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

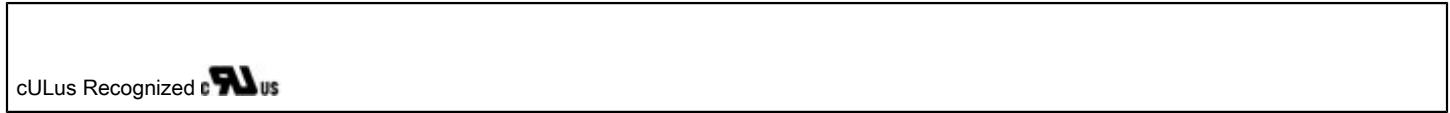
| | |
|---|-------|
| UL Recognized  | |
| mm ² /AWG/kcmil | 4.0 |
| Nominal current I _N | 27 A |
| Nominal voltage U _N | 600 V |

| | |
|--------------------------------|-------|
| cUL Recognized | |
| mm ² /AWG/kcmil | 4.0 |
| Nominal current I _N | 18 A |
| Nominal voltage U _N | 600 V |

| |
|-----|
| EAC |
|-----|

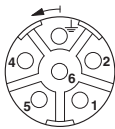
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Approvals



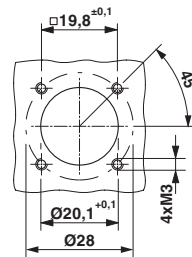
Drawings

Schematic diagram



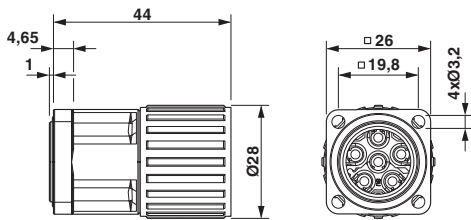
Connector pin assignment

Dimensional drawing



Installation dimensions

Dimensional drawing



Dimensional drawing

Diagram

