

Device connector, front mounting with knurled nut - SM-7ES1N8AY000S - 1613534

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Device connector, front mounting with knurled nut, straight, SPEEDCON locking, M40, Number of positions: 4+3+PE, Type of contact: Socket, Crimp connection, Axial O-ring, 4x Ø4,2, Shielded: Yes, Flange dimensions: 40 mm x 40 mm



Key commercial data

| | |
|--------------------------------------|------------|
| Packing unit | 1 1 |
| Weight per Piece (excluding packing) | 256.21 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| | |
|--|--|
| Note | Order information Order crimp contacts 4 x Ø 2 mm, 4 x Ø 3.6 mm separately |
| Type of locking | SPEEDCON locking |
| Coding | N |
| Contact connection method | Crimp connection |
| Type of contacts | Socket |
| Number of positions | 8 |
| Contact diameter of power contacts | 3.6 mm |
| Nominal current per power contact at 25°C | 70 A |
| Contact diameter of signal contacts | 2 mm |
| Nominal current per signal contact at 25°C | 30 A |
| Mounting type | 4x Ø4,2 |

Ambient conditions

| | |
|---------------------|-------------------|
| Ambient temperature | -20 °C ... 125 °C |
|---------------------|-------------------|

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Technical data

Ambient conditions

| | |
|----------------------|------|
| 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 |
| 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 | 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 | 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 |

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Classifications

UNSPSC

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

Accessories

Accessories

Crimp contact

Crimp contact - SM-36KS001 - 1605756



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 1 mm²...2.5 mm²

Crimp contact - SM-36KS002 - 1605758



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 2.5 mm²...4 mm²

Crimp contact - SM-36KS003 - 1605760



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 4 mm²...6 mm²

Crimp contact - SM-36KS004 - 1605762



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 6 mm²...10 mm²

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Accessories

Crimp contact - SF-7PS2000 - 1605636



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

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

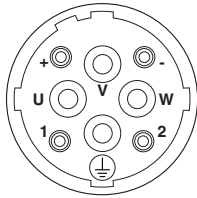


Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 4 mm²...4 mm²

Drawings

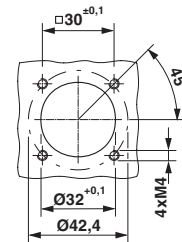
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Schematic diagram



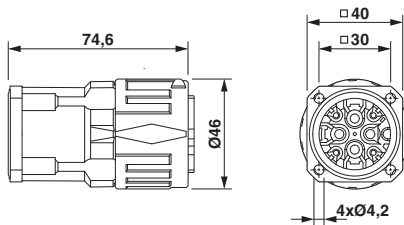
Connector pin assignment

Dimensioned drawing



Installation dimensions

Dimensioned drawing



Dimensional drawing

Diagram

