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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Rear panel feed-through - SF-7EP1N8ACLB4 - 1607055

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Rear panel feed-through, straight long, Screw locking, M23, Number of positions: 4+3+PE, Type of contact: Male connector, Crimp connection, Axial O-ring, 4xM3, Shielded: Yes, Cable cross section: 7.5 mm...9 mm



### Key commercial data

|                                      |            |
|--------------------------------------|------------|
| Packing unit                         | 1 PCE      |
| Weight per Piece (excluding packing) | 139.84 GRM |
| Custom tariff number                 | 85366990   |
| Country of origin                    | Germany    |

### Technical data

#### General

|                                            |                                                                          |
|--------------------------------------------|--------------------------------------------------------------------------|
| Note                                       | Order information Order crimp contacts 4 x Ø 1 mm, 4 x Ø 2 mm separately |
| Type of locking                            | Screw locking                                                            |
| Coding                                     | N                                                                        |
| Contact connection method                  | Crimp connection                                                         |
| Type of contacts                           | Male connector                                                           |
| Number of positions                        | 8                                                                        |
| Contact diameter of power contacts         | 2 mm                                                                     |
| Nominal current per power contact at 25°C  | 30 A                                                                     |
| Contact diameter of signal contacts        | 1 mm                                                                     |
| Nominal current per signal contact at 25°C | 9 A                                                                      |
| Conductor entry                            | 7.5 mm ... 9 mm                                                          |
| Mounting type                              | 4xM3                                                                     |

#### Ambient conditions

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

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### Technical data

#### 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 | 630 V  |
| 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 |

## Rear panel feed-through - SF-7EP1N8ACLB4 - 1607055

### Accessories

#### Accessories

#### Crimp contact

Crimp contact - SF-7RP2000 - 1605646



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 0.14 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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Crimp contact - SF-7PP2000 - 1605634



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 0.25 mm<sup>2</sup>...1 mm<sup>2</sup>

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Crimp contact - SF-20KP004 - 1607376



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 0.75 mm<sup>2</sup>...1.5 mm<sup>2</sup>

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Crimp contact - SF-7QP2000 - 1605639



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 1 mm<sup>2</sup>...2.5 mm<sup>2</sup>

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Crimp contact - SF-7MP2000 - 1605626



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 4 mm<sup>2</sup>...4 mm<sup>2</sup>

## Rear panel feed-through - SF-7EP1N8ACLB4 - 1607055

### Accessories

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Crimp contact - SF-6CP2000 - 1605559



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

Crimp contact - SF-10KP004 - 1607355



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.14 mm<sup>2</sup>...0.5 mm<sup>2</sup>

Crimp contact - SF-6AP2000 - 1605554



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.25 mm<sup>2</sup>...1 mm<sup>2</sup>

### Mounting material

Color-coding - SF-Z0064 - 1620585



Color-coding, Color: green

Color-coding - SF-Z0065 - 1620586



Color-coding, Color: orange

## Rear panel feed-through - SF-7EP1N8ACLB4 - 1607055

### Accessories

Color-coding - SF-Z0066 - 1620587



Color-coding, Color: black

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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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Plastic dust protection cap - RC-Z2059 - 1604225



Plastic dust protection cap for connectors with M23 external thread

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



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

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Metal dust protection cap - SC-Z2319 - 1605456



Metal dust protection cap for power plugs with M23 external thread

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## Accessories

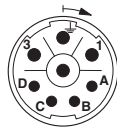
Metal dust protection cap - SC-Z2320 - 1605457



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

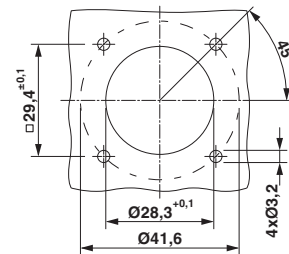
## Drawings

Schematic diagram



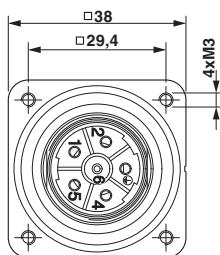
Connector pin assignment

Dimensioned drawing



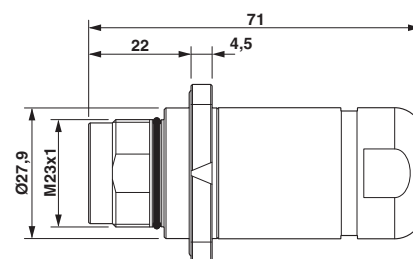
Installation dimensions

Dimensioned drawing



Flange dimensions

Dimensioned drawing



Dimensional drawing

Diagram

