

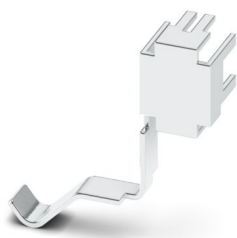
# ME-IO-S FE CONTACT SMT - Functional ground contact



1569960

<https://www.phoenixcontact.com/us/products/1569960>

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Functional ground contact, for ME-IO-S series electronics housings

## Your advantages

- Easy installation

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1569960       |
| Packing unit                         | 200 pc        |
| Minimum order quantity               | 100 pc        |
| Sales key                            | AC15          |
| Product key                          | ACHEBF        |
| GTIN                                 | 4067923057258 |
| Weight per piece (including packing) | 1.1 g         |
| Weight per piece (excluding packing) | 1.1 g         |
| Customs tariff number                | 85369095      |
| Country of origin                    | CN            |

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## Technical data

### Notes

|                |   |
|----------------|---|
| Recommendation | Further information and detailed dimensions are available in the download area. |
|----------------|---|

### Product properties

|                |                          |
|----------------|--------------------------|
| Product type   | Ground contact           |
| Housing type   | DIN rail housing         |
| Housing type   | Multifunctional housings |
| Housing series | ME-IO-S                  |
| Product family | ME-IO-S..                |

### Dimensions

|        |        |
|--------|--------|
| Width  | 5.5 mm |
| Height | 2.8 mm |
| Depth  | 14 mm  |

### Material specifications

|                         |                |
|-------------------------|----------------|
| Color                   | silver-colored |
| Material Contact        | Cu alloy       |
| Surface characteristics | Tin-plated     |

### Environmental and real-life conditions

#### Vibration test

|                        |                             |
|------------------------|-----------------------------|
| Specification          | IEC 60068-2-6:2007-12       |
| Frequency              | 10 - 150 - 10 Hz            |
| Sweep speed            | 1 octave/min                |
| Amplitude              | 0.35 mm (10 Hz ... 60.1 Hz) |
| Acceleration           | 5g (60.1 Hz ... 150 Hz)     |
| Test duration per axis | 2.5 h                       |
| Test directions        | X-, Y- and Z-axis           |

#### Shocks

|                                |                                   |
|--------------------------------|-----------------------------------|
| Specification                  | IEC 60068-2-27:2008-02            |
| Pulse shape                    | Semi-sinusoidal                   |
| Acceleration                   | 15g                               |
| Shock duration                 | 11 ms                             |
| Number of shocks per direction | 3                                 |
| Test directions                | X-, Y- and Z-axis (pos. and neg.) |

#### Degree of protection (IP code)

|               |   |
|---------------|---|
| Specification | IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08 |
|---------------|---|

#### Ambient conditions

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|   |   |
|---|---|
| Ambient temperature (operation)         | -40 °C ... 70 °C (No rise in temperature) |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C                          |

## Mounting

|               |               |
|---------------|---------------|
| Mounting type | THR soldering |
|---------------|---------------|

## Packaging specifications

|                   |                     |
|-------------------|---------------------|
| Type of packaging | packed in cardboard |
|-------------------|---------------------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27190605 |
| ECLASS-15.0 | 27190605 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002779 |
|-----------|----------|

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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