

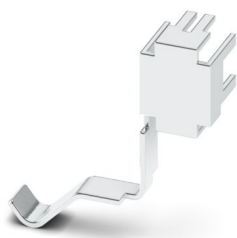
# ME-IO-S FE CONTACT SMT - Functional ground contact



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.
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### 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
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#### 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
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## 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
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### 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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