

# ICS-FE-CONTACT - Functional ground contact



2203904

<https://www.phoenixcontact.com/us/products/2203904>

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Functional ground contact, for ICS series electronics housings



## Your advantages

- Flexible use, thanks to the modular system and unique modularity in the connection technology
- Standardized connections such as RJ45, USB, D-SUB and antenna sockets as components that can be integrated
- Optimal space utilization, as well as adaptability of design, colors, and printing
- Eight-position DIN rail connectors with parallel and up to two serial contacts for easy module-to-module communication

## Commercial data

Item number	2203904
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC09
Product key	ACHAEZ
GTIN	4055626466095
Weight per piece (including packing)	0.36 g
Weight per piece (excluding packing)	0.33 g
Customs tariff number	85369095
Country of origin	CN

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## Technical data

### Notes

Note on application	Optional accessories
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	Modular housings
Housing series	ICS
Product family	ICS

### Dimensions

Width	7.1 mm
Height	11 mm
Depth	7.34 mm

### Material specifications

Color	silver-colored
Material Contact	Cu alloy
Surface characteristics	hot-dip 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	0.15 mm (10 Hz ... 58.1 Hz)
Acceleration	2g (58.1 Hz ... 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

#### Mechanical strength / tumbling barrel

Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	50

#### Shocks

Specification	IEC 60068-2-27:2008-02
Pulse shape	Half-sine
Acceleration	15g
Shock duration	11 ms

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Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

## Ambient conditions

Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Relative humidity (storage/transport)	80 %

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## Classifications

### ECLASS

ECLASS-13.0	27190605
ECLASS-15.0	27190605

### ETIM

ETIM 10.0	EC002779
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### UNSPSC

UNSPSC 21.0	31261500
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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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### EF3.1 Climate Change

CO2e kg	0.056 kg CO2e
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