

# HC-COM-17-EBUC - Contact insert



1408478

<https://www.phoenixcontact.com/us/products/1408478>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Contact insert, number of positions: 17+PE, size: COM, power contacts: 0, control contacts: 17, number of connections per position: 1, Socket, Crimp connection, 200 V, 10 A, 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, application: Power, Only suitable for plastic housings

## Product description

Contact insert, incl. 4 mounting screws

## Your advantages

- Shock and vibration-resistant in accordance with DIN EN 61373

## Commercial data

Item number	1408478
Packing unit	2 pc
Minimum order quantity	2 pc
Sales key	BF61
Product key	AF7ABH
GTIN	4046356618182
Weight per piece (including packing)	13.85 g
Weight per piece (excluding packing)	13.85 g
Customs tariff number	85389099
Country of origin	CN

# HC-COM-17-EBUC - Contact insert



1408478

<https://www.phoenixcontact.com/us/products/1408478>

## Technical data

### Mounting

Assembly note	To ensure correct use, installation in housing with IP54 protection or better is required
---------------	---

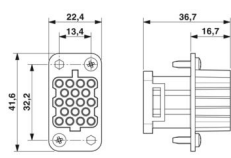
### Product properties

Product type	Contact insert with a fixed no. of positions
Series	HC-COM
Application	Power
Type	COM
Number of positions	17
Connection profile	17+PE
Contact numbering	1 - 17
Number of connections per position	1
No. of power contacts	0
No. of control contacts	17
Contact material type	turned rolled

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Dimensions

Dimensional drawing	
Width	22.4 mm
Height	36.7 mm
Length	41.6 mm

### Mechanical characteristics

Contact diameter	1.6 mm
------------------	--------

### Connection data

#### Connection technology

Connection technology	Crimp connection
Number of connections per position	1
Connection in acc. with standard	IEC / EN

#### Conductor connection

# HC-COM-17-EBUC - Contact insert



1408478

<https://www.phoenixcontact.com/us/products/1408478>

Conductor cross-section	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm
	6 mm (at 2.5 mm <sup>2</sup> )

## Electrical properties

Rated voltage (III/2) contacts	250 V
Rated voltage (III/3)	200 V
Rated voltage for power contacts	200
Rated surge voltage	4 kV
Rated current	10 A

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
-----------------------------	-------

## Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C (including heating up of contacts)
---------------------------------	--

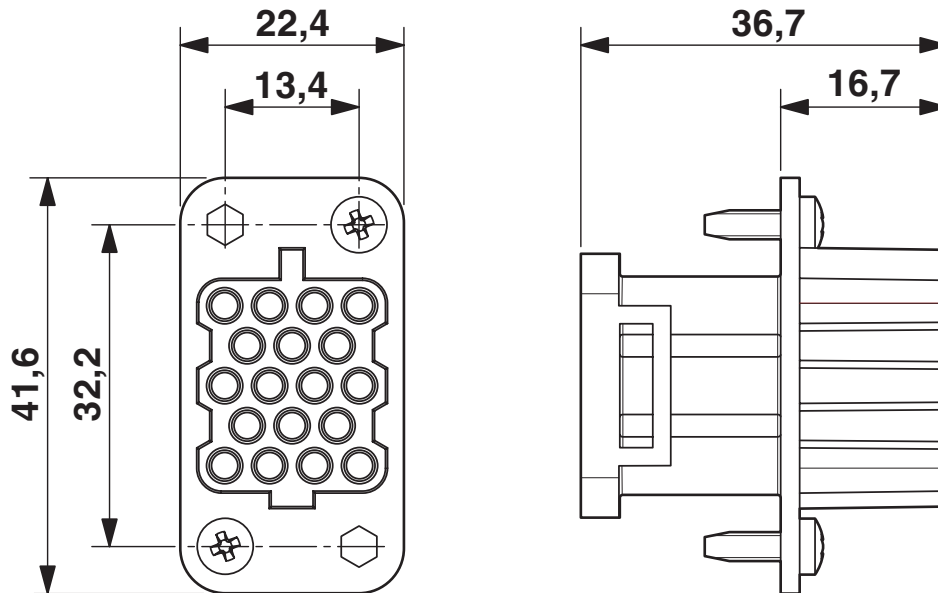
# HC-COM-17-EBUC - Contact insert

1408478

<https://www.phoenixcontact.com/us/products/1408478>

## Drawings

Dimensional drawing



HC-COM-17-EBUC dimensional drawing

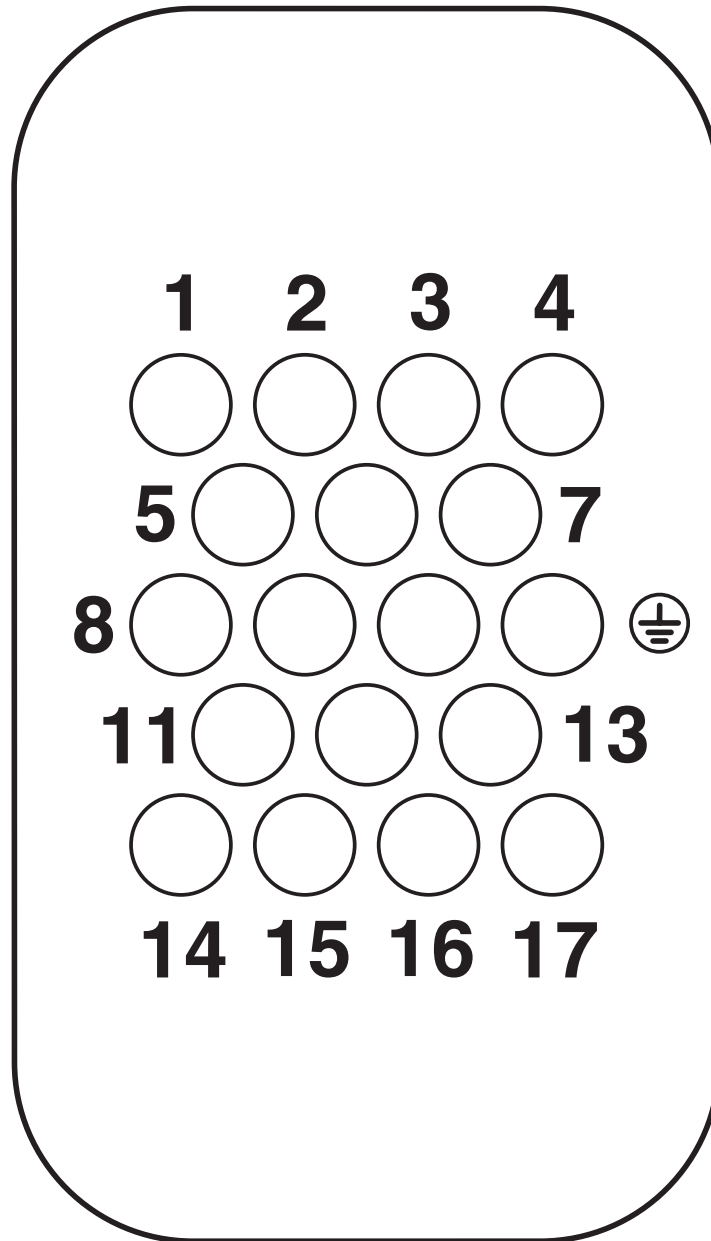
# HC-COM-17-EBUC - Contact insert

1408478

<https://www.phoenixcontact.com/us/products/1408478>



Schematic diagram



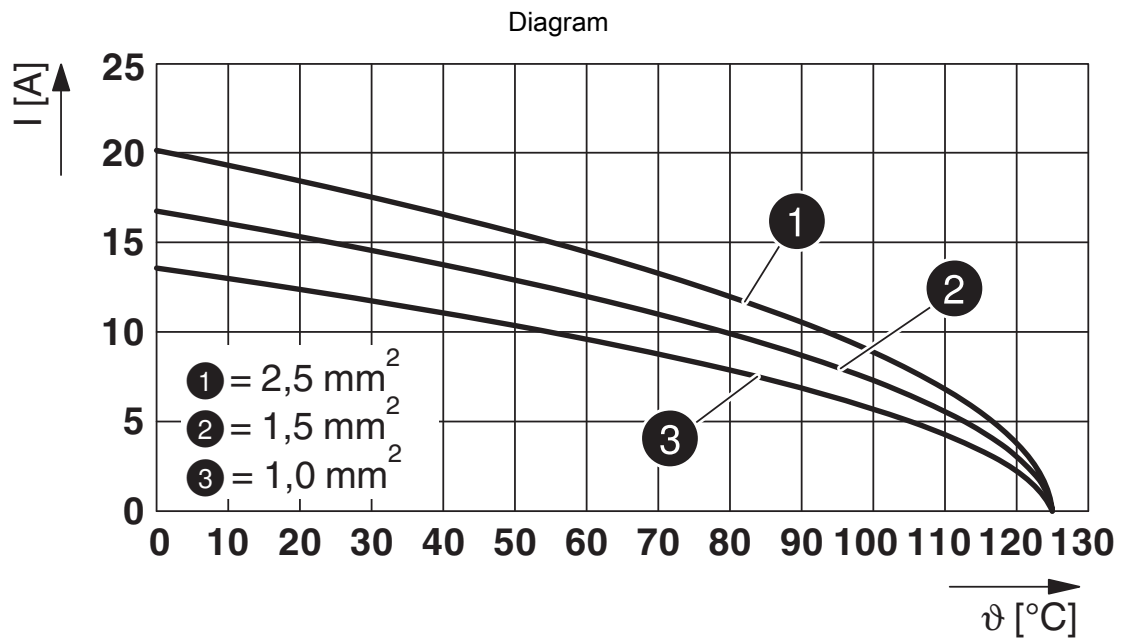
Connector pin assignment, connection side

# HC-COM-17-EBUC - Contact insert



1408478

<https://www.phoenixcontact.com/us/products/1408478>



Derating diagram

# HC-COM-17-EBUC - Contact insert





1408478


<https://www.phoenixcontact.com/us/products/1408478>


## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1408478>

 <b>CSA</b> Approval ID: 260458				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	600 V	19 A	20 - 12	-

 <b>cUL Recognized</b> Approval ID: E118976				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	600 V	10.5 A	22 - 14	-

 <b>UL Recognized</b> Approval ID: E118976				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	600 V	19.5 A	22 - 14	-

 <b>EAC</b> Approval ID: RU C-DE.AI30.B.01102				
---	--	--	--	--

# HC-COM-17-EBUC - Contact insert



1408478

<https://www.phoenixcontact.com/us/products/1408478>

## Classifications

### ECLASS

ECLASS-13.0	27440205
ECLASS-15.0	27440205

### ETIM

ETIM 10.0	EC000438
-----------	----------

### UNSPSC

UNSPSC 21.0	39121500
-------------	----------

# HC-COM-17-EBUC - Contact insert



1408478

<https://www.phoenixcontact.com/us/products/1408478>

## 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.)	Perfluorobutane sulfonic acid (PFBS) and its salts(CAS: n/a)
SCIP	a009c7d7-d1de-418f-b118-20185eb92bb3

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)