

HC-COM-17-EBUC - Contact insert



1408478

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

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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 mm² ... 2.5 mm², 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

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Technical data

Mounting

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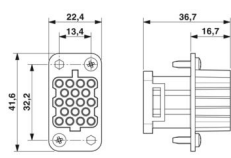
Product properties

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
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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

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

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
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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)
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HC-COM-17-EBUC - Contact insert

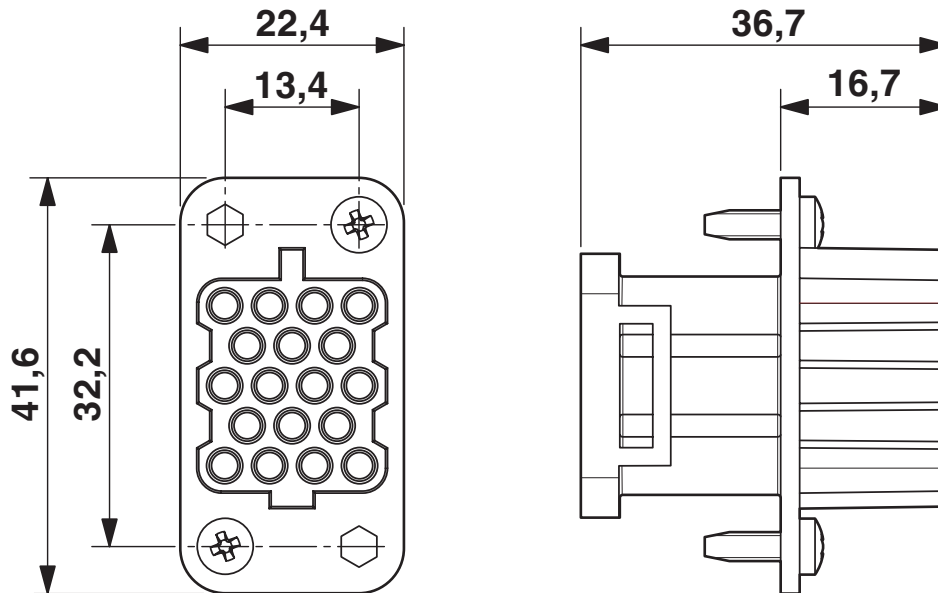


1408478

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Drawings

Dimensional drawing



HC-COM-17-EBUC dimensional drawing

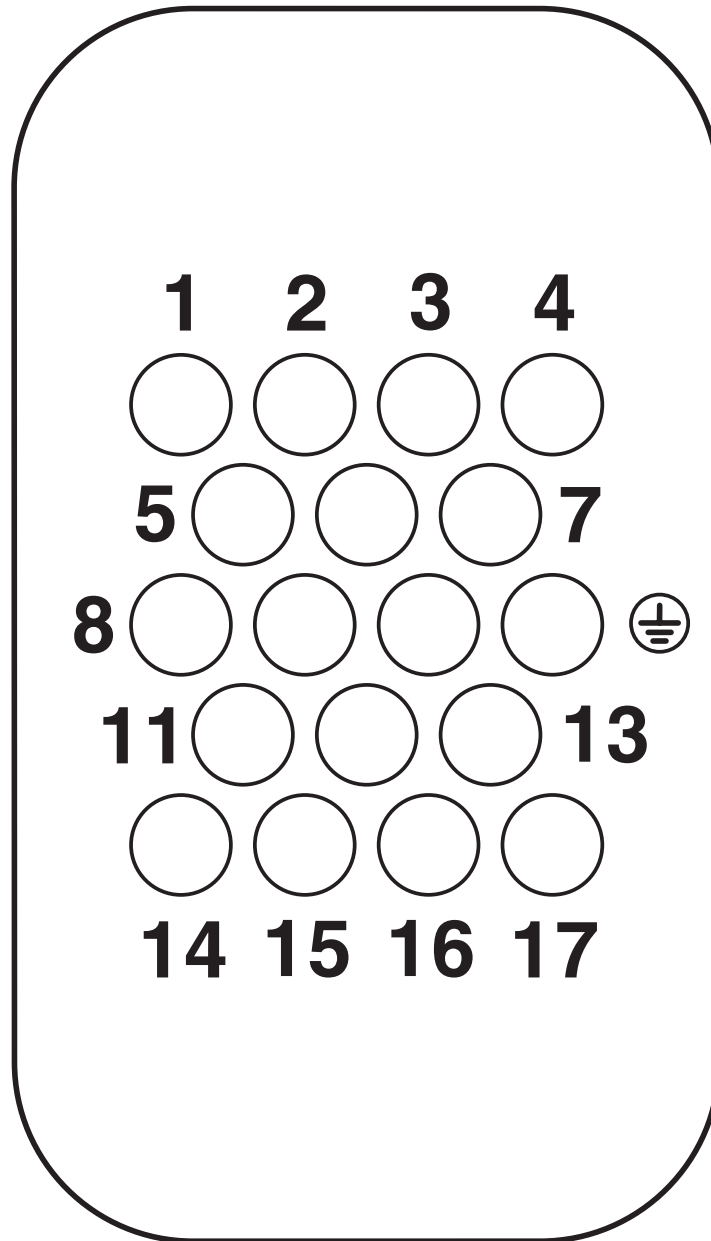
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Schematic diagram



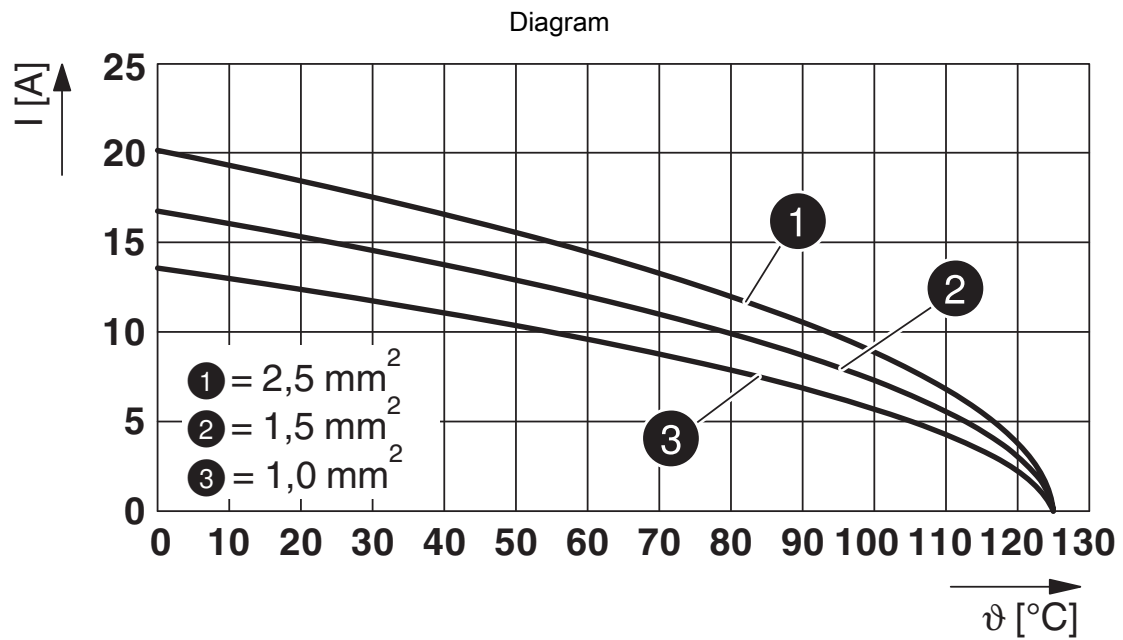
Connector pin assignment, connection side

HC-COM-17-EBUC - Contact insert



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Derating diagram

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Approvals

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

 CSA Approval ID: 260458				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	600 V	19 A	20 - 12	-

 cUL Recognized Approval ID: E118976				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	600 V	10.5 A	22 - 14	-

 UL Recognized Approval ID: E118976				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	600 V	19.5 A	22 - 14	-

 EAC Approval ID: RU C-DE.AI30.B.01102				
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Classifications

ECLASS

ECLASS-13.0	27440205
ECLASS-15.0	27440205

ETIM

ETIM 10.0	EC000438
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UNSPSC

UNSPSC 21.0	39121500
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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.)	Perfluorobutane sulfonic acid (PFBS) and its salts(CAS: n/a)
SCIP	a009c7d7-d1de-418f-b118-20185eb92bb3

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