

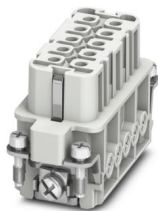
HC-A10-I-UT-F - Contact insert

1585304

<https://www.phoenixcontact.com/us/products/1585304>



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: 10+PE, size: D15, number of connections per position: 1, Socket, Screw connection, 250 V, 16 A, 0.5 mm² ... 2.5 mm²

Your advantages

- Can be coded with plastic coding profile (order number 1410916)
- For a test pin 2 mm in diameter

Commercial data

Item number	1585304
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF61
Product key	BF7ABB
Catalog page	Page 519 (C-2-2019)
GTIN	4046356285032
Weight per piece (including packing)	47.2 g
Weight per piece (excluding packing)	46.5 g
Customs tariff number	85366990
Country of origin	CN

HC-A10-I-UT-F - Contact insert

1585304

<https://www.phoenixcontact.com/us/products/1585304>



Technical data

Notes

General	for flexible conductors with or without ferrules
General	Connectors may be operated only when there is no load/voltage.
General	for housing HC-D15

Mounting

Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
	for plastic coding profiles: 4 pcs.

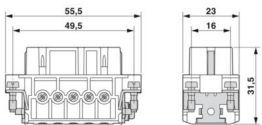
Product properties

Type	D15
Product type	Contact insert with a fixed no. of positions
Number of positions	10
Connection profile	10+PE
Contact numbering	1 - 10
Number of connections per position	1
Contact material type	turned
Series	HC-A
Screwdriver blade	0.5 x 3.5 mm

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Dimensions

Dimensional drawing	
Width	23 mm
Height	31.5 mm
Length	55.5 mm
Drill hole distance, horizontal	49.5 mm
Drill hole distance, vertical	16 mm

Mechanical characteristics

Contact diameter	2.5 mm
------------------	--------

Connection data

Connection technology

Connection technology	Screw connection
-----------------------	------------------

HC-A10-I-UT-F - Contact insert

1585304

<https://www.phoenixcontact.com/us/products/1585304>



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

Conductor connection

Conductor cross section	0.5 mm ² ... 2.5 mm ²
Connection cross section AWG	20 ... 14
Tightening torque	0.7 Nm ... 1 Nm (PE connection)
	0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)
	0.5 Nm
Stripping length of the individual wire	7 mm

Electrical properties

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
	4 kV
Rated current	16 A
SCCR	5 kA (UL 2237)

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
Contact carrier material	PC
Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
---------------------------------	--

Standards and regulations

Testing

Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
-----------------------	---

HC-A10-I-UT-F - Contact insert



1585304

<https://www.phoenixcontact.com/us/products/1585304>

Classifications

ECLASS

ECLASS-11.0	27440205
ECLASS-12.0	27440205
ECLASS-13.0	27440205

ETIM

ETIM 9.0	EC000438
----------	----------

UNSPSC

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

HC-A10-I-UT-F - Contact insert

1585304

<https://www.phoenixcontact.com/us/products/1585304>



Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2024 © - 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