Contact insert - HC-A16-I-PT-M - 1585375

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's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



Contact insert, number of positions: 16+PE, size: D25, number of connections per position: 1, Pin, Push-in connection, 250 V, 16 A, 0.14 mm² ... 2.5 mm²

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 285100
GTIN	4046356285100

Technical data

General

Note	for HC-D25 / HC-D 50 housing
	Connectors may be operated only when there is no load/voltage.
	For solid conductors or stranded conductors with ferrules
Connection method	Push-in connection
Screwdriver blade	0.5 x 3.5 mm
Number of connections per position	1
Degree of pollution	3
Overvoltage category	III
Number of positions	16+PE
Insertion/withdrawal cycles	≥ 500
Size	D25
Contact numbering	1 - 16
Conductor cross section	0.14 mm² ... 2.5 mm² (applies to stranded conductors with ferrules)
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required

Contact insert - HC-A16-I-PT-M - 1585375

Technical data

Ambient conditions

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

Material data

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

Electrical characteristics

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
	4 kV
Rated current	16 A

Standards and Regulations

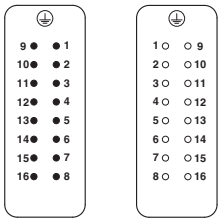
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

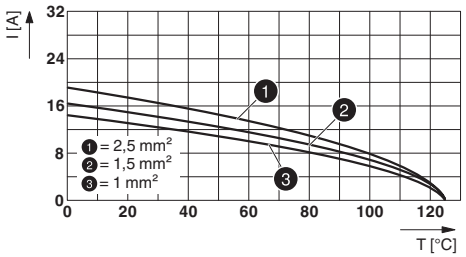
Drawings

Schematic diagram



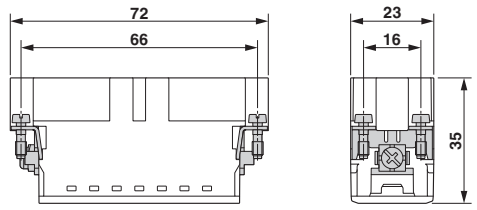
Connector pin assignment, connection side

Diagram



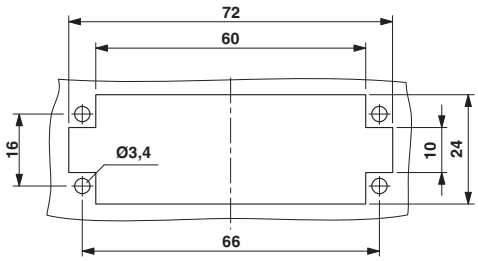
Contact insert - HC-A16-I-PT-M - 1585375

Dimensional drawing



Male insert

Dimensional drawing



Mounting cutout when used without housing

Approvals

Approvals

Approvals

CSA / GL / UL Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

Nominal voltage UN	600 V
Nominal current IN	13 A
mm²/AWG/kcmil	14

GL		http://exchange.dnv.com/tari/	6196614 HH

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976

Nominal voltage UN	600 V
Nominal current IN	16 A

Contact insert - HC-A16-I-PT-M - 1585375

Approvals

mm²/AWG/kcmil	14

EAC	EAC	EAC-Zulassung

Phoenix Contact 2018 © - all rights reserved
http://www.phoenixcontact.com

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com