

# Contact insert - HC-A16-I-PT-F-32 - 1585401

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, Size: D25, Number of positions: 16+PE, Socket, Push-in connection, 250 V, 20 A, 0.14 mm² ... 2.5 mm²



## Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356285131

## Technical data

### General

Note	For HC-D25 / HC-D 50 housing
Connection method	Push-in connection
Screwdriver blade	0.5 x 3.5 mm
Degree of pollution	3
Overvoltage category	III
Number of positions	16+PE
Insertion/withdrawal cycles	≥ 500
Size	D25
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	Connectors may be operated only when there is no load/voltage.

### 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 insert - HC-A16-I-PT-F-32 - 1585401

## Technical data

### Material data

Contact carrier material	PC
--------------------------	----

### Electrical characteristics

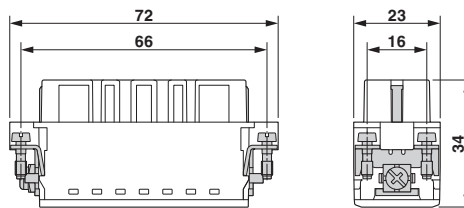
Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
	4 kV
Rated current	20 A

### Standards and Regulations

Flammability rating according to UL 94	V0
--	----

## Drawings

Dimensional drawing



Female insert

## Approvals

### Approvals

Approvals

GL / EAC / CSA / UL Recognized

Ex Approvals


### Approval details


GL		<a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>	6196614 HH
----	--	---	------------

EAC			EAC-Zulassung
-----	--	--	---------------

# Contact insert - HC-A16-I-PT-F-32 - 1585401

## Approvals

CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
mm <sup>2</sup> /AWG/kcmil	14		
Nominal current I <sub>N</sub>	13 A		
Nominal voltage U <sub>N</sub>	600 V		

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E118976
mm <sup>2</sup> /AWG/kcmil	14		
Nominal current I <sub>N</sub>	16 A		
Nominal voltage U <sub>N</sub>	600 V		

Phoenix Contact 2017 © - 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>