

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

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



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356285100

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 mm ² ... 2.5 mm ² (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)
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Material data

Contact material	Copper alloy
Contact surface material	Ag

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Contact carrier material	PC
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Electrical characteristics

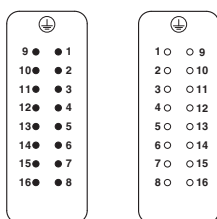
Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
	4 kV
Rated current	20 A

Standards and Regulations

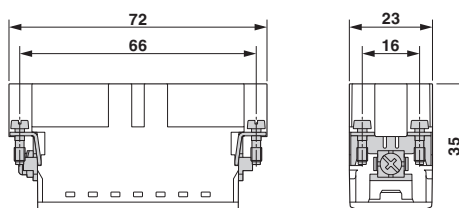
Flammability rating according to UL 94	V0
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Drawings

Schematic diagram



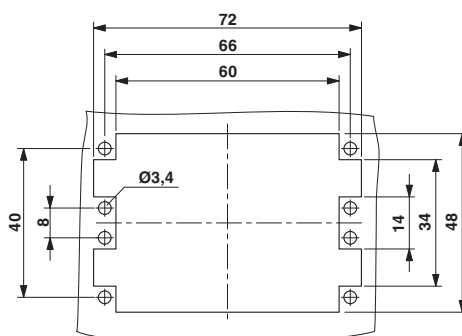
Dimensional drawing



Connector pin assignment, connection side

Male insert

Dimensional drawing



Mounting cutout

Approvals

Approvals

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GL / EAC / CSA / UL Recognized

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Approvals


Ex Approvals

Approval details

GL		http://exchange.dnv.com/tari/	6196614 HH
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EAC			EAC-Zulassung
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CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
mm ² /AWG/kcmil		14	
Nominal current I _N		13 A	
Nominal voltage U _N		600 V	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
mm ² /AWG/kcmil		14	
Nominal current I _N		16 A	
Nominal voltage U _N		600 V	

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