

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

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

RoHS

Key Commercial Data

Packing unit	1
GTIN	 4 046356 285131
GTIN	4046356285131
Custom tariff number	85369010

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

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Technical data

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
Contact carrier material	PC

Electrical characteristics

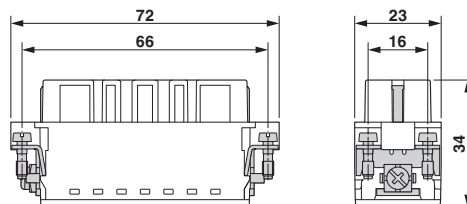
Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
	4 kV
Rated current	20 A

Standards and Regulations

Flammability rating according to UL 94	V0
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Drawings

Dimensional drawing



Female insert

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

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Classifications

ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals

Approvals

GL / EAC / CSA / UL Recognized

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
mm²/AWG/kcmil		14	
Nominal current I _N		13 A	
Nominal voltage U _N		600 V	

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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
mm²/AWG/kcmil		14	
Nominal current I _N		16 A	
Nominal voltage U _N		600 V	

Accessories

Accessories

Coding element

Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

Coding element - HC-CBU - 1676860



Coding socket for coding up to 16 connectors

Coding bolt - HC-CB - 1772722



Coding pin, prevents mismatching of up to six connectors with an identical number of positions

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Accessories

Coding profile - CP-HC-S - 1410916



Coding profile, 4 elements per star, for insertion in a coding keyway, for contact inserts HC-BB... / HC-A10-I-UT... / HC-A16-I-UT...

Mounting material

Screw - HC-A-PES - 1584868



PE screw for contact inserts of A series

Plug assembly frame

Connector assembly frame - HC-SMR-D25 - 1604023



HEAVYCON connector assembly frame, for contact inserts of type D25