

Contact insert - HC-A16-I-UT-F - 1585320

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HEAVYCON female insert, A16 series, 16-pos., screw connection


Your advantages

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

RoHS

COMPLETE RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 285056
GTIN	4046356285056
Weight per Piece (excluding packing)	60.000 g
Custom tariff number	85366990
Country of origin	China

Technical data

General

Note	for HC-D25 / HC-D 50 housing
	Connectors may be operated only when there is no load/voltage.
Connection method	Screw connection
Tightening torque	0.5 Nm
Screwdriver blade	0.5 x 3.5 mm
Number of connections per position	1
Degree of pollution	3
Overvoltage category	III

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Technical data

General

Number of positions	16+PE
Insertion/withdrawal cycles	≥ 500
Size	D25
Contact numbering	1 - 16
Conductor cross section	0.5 mm ² ... 2.5 mm ² (applies to stranded conductors with ferrules)
Connection cross section AWG	20 ... 14
Stripping length of the individual wire	7 mm
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
Connection	for plastic coding profiles: 4 pcs.

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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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27261200

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Classifications

eCl@ss

eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

UNSPSC

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

Approvals


Approvals

Approvals

CSA / UL Recognized / EAC / DNV GL

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN	600 V		
Nominal current IN	15 A		
mm ² /AWG/kcmil	14		

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
Nominal voltage UN		600 V	
Nominal current IN		19 A	
mm ² /AWG/kcmil		14	

EAC		RU C- DE.AI30.B.01102
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DNV GL		https://approvalfinder.dnvgl.com/	TAE000037S
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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

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Accessories

Coding bolt - HC-CB - 1772722



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

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...

DIN rail mounting frame

DIN rail mounting frame - HC-SMR-D25 - 1604023



HEAVYCON DIN rail mounting frame, for contact inserts of type D25

Mounting material

Screw - HC-A-PES - 1584868



PE screw for contact inserts of A series
