

Contact insert - HC-A10-I-UT-M - 1585294

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HEAVYCON male insert, A10 series, 10-pos., screw connection

Why buy this product

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

Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356285025
Weight per Piece (excluding packing)	42.350 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Note	for housing HC-D15
Connection method	Screw connection
Tightening torque	0.5 Nm
Screwdriver blade	0.5 x 3.5 mm
Degree of pollution	3
Overvoltage category	III
Number of positions	10+PE
Insertion/withdrawal cycles	≥ 500
Size	D15
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm ² ... 2.5 mm ² (Applies to stranded conductors with ferrules)

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Technical data

General

Connection cross section AWG	20 ... 14
Stripping length of the individual wire	7 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

Flammability rating according to UL 94	V0
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

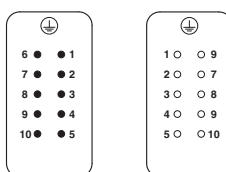
Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0

Drawings

Diagram

Derating diagram

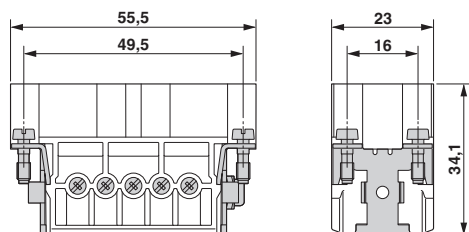
Schematic diagram



Pin assignment, connection side, pin left, socket right

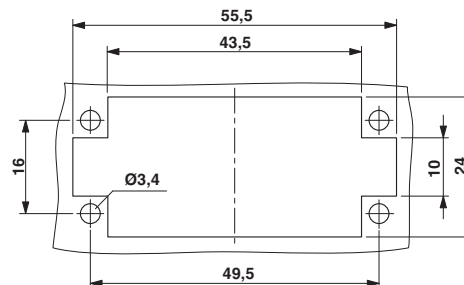
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Dimensional drawing



Male insert

Dimensional drawing



Panel cutout

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

ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	EC000438

UNSPSC

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

Approvals

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EAC / GL / UL Recognized / CSA

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Approvals

Ex Approvals

Approval details

EAC			7500651.22.01.00246
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GL		http://www.gl-group.com/newbuilding/approvals/index.html	6196614 HH
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
mm ² /AWG/kcmil		14	
Nominal current I _N		19 A	
Nominal voltage U _N		600 V	

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
mm ² /AWG/kcmil		14	
Nominal current I _N		15 A	
Nominal voltage U _N		600 V	

Accessories

Accessories

Coding element

Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

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Accessories

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

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-D15 - 1604010



HEAVYCON connector assembly frame, for contact inserts of type D15
