

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	 4 046356 285025
GTIN	4046356285025

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
Contact numbering	1 - 10
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	Connectors may be operated only when there is no load/voltage.

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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

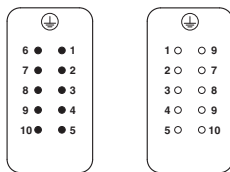
Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	20 A

Standards and Regulations

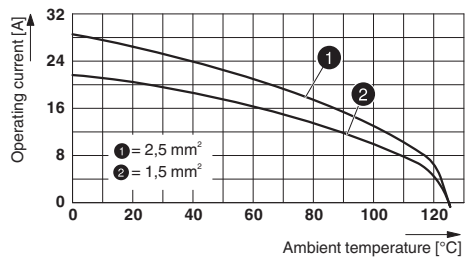
Flammability rating according to UL 94	V0
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Drawings

Schematic diagram



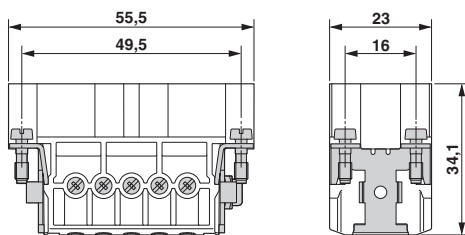
Diagram



Pin assignment, connection side, pin left, socket right

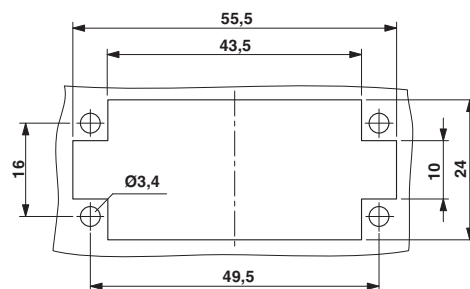
Derating diagram

Dimensional drawing



Male insert

Dimensional drawing



Mounting cutout

Approvals

Approvals

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Approvals


Approvals


GL / UL Recognized / CSA / EAC / EAC


Ex Approvals

Approval details

GL		http://exchange.dnv.com/tari/	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-industries/product-listing/	13631
mm ² /AWG/kcmil		14	
Nominal current I _N		15 A	
Nominal voltage U _N		600 V	

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.AI30.B.01102
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