Contact insert - HC-A10-I-PT-M - 1585359

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Contact insert, number of positions: 10+PE, size: D15, number of connections per position: 1, Pin, Push-in connection, 250 V, 16 A, 0.14 mm² ... 2.5 mm²

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 285087
GTIN	4046356285087

Technical data

General

Note	For HEAVYCON housing of type D15
	Connectors may be operated only when there is no load/voltage.
	For solid conductors or stranded conductors with ferrules
Connection method	Push-in connection
Screwdriver blade	0.5 x 3.5 mm
Number of connections per position	1
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	0.14 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	To ensure correct use, installation in housing with IP54 protection or better is required

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Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)

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	16 A

Standards and Regulations

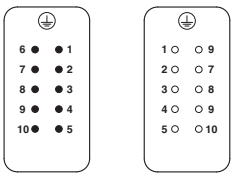
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

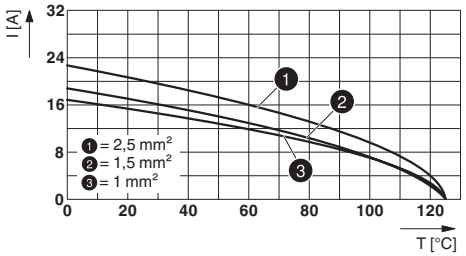
Drawings

Schematic diagram



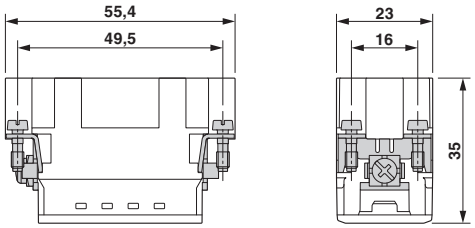
Connector pin assignment, connection side

Diagram



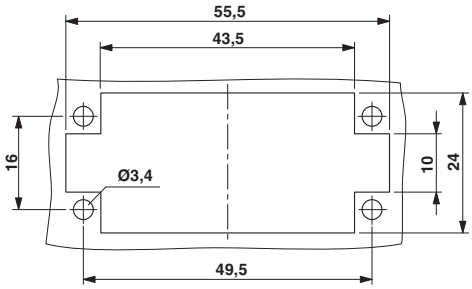
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Dimensional drawing



Male insert

Dimensional drawing



Mounting cutout when used without housing

Approvals

Approvals

Approvals

CSA / GL / UL Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

Nominal voltage UN	600 V
Nominal current IN	14 A
mm²/AWG/kcmil	14

GL		http://exchange.dnv.com/tari/	6196614 HH

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976

Nominal voltage UN	600 V
Nominal current IN	17 A

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Approvals

mm²/AWG/kcmil	14

EAC	EAC	EAC-Zulassung

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