

Contact insert - HC-A10-I-PT-F - 1585362

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

RoHS

COMPLIANT

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 285094
GTIN	4046356285094

Technical data

General

Note	only use flexible conductors with ferrules
	Connectors may be operated only when there is no load/voltage.
	For HEAVYCON housing of type D15
Connection method	Push-in connection
Torque	0.7 Nm ... 1 Nm (PE connection)
	0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)
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
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm

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Technical data

General

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	16 A

Standards and Regulations

Flammability rating according to UL 94	V0
Standards/regulations	acc. to DIN EN 45545-2

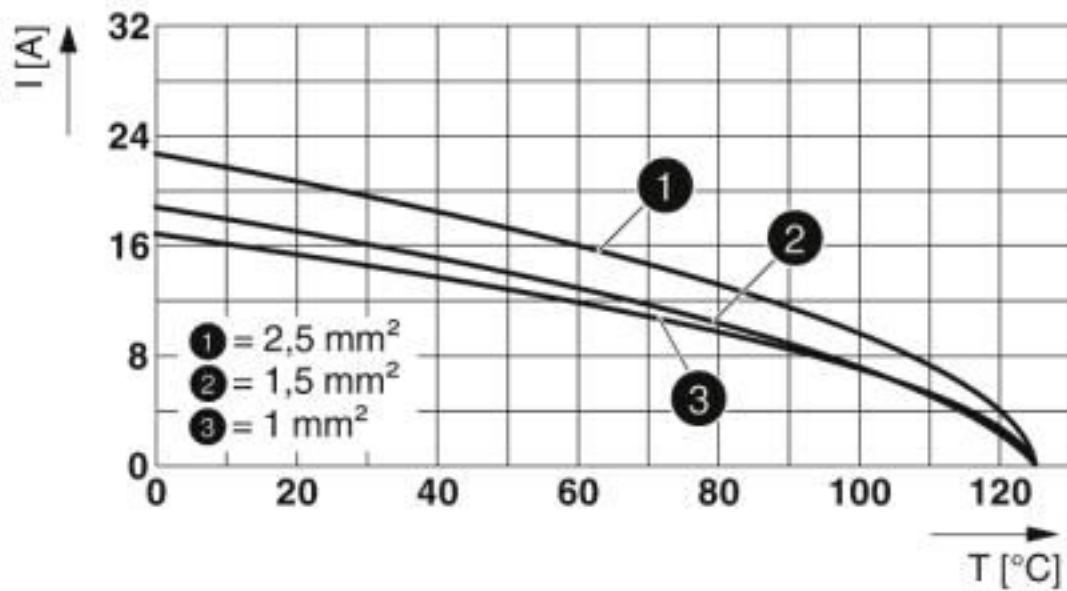
Environmental Product Compliance

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

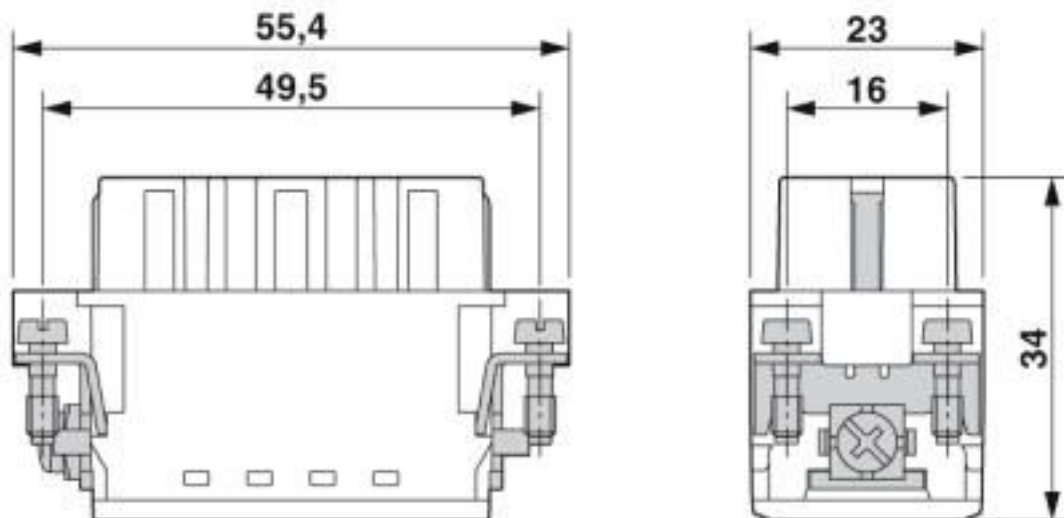
Drawings

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Diagram



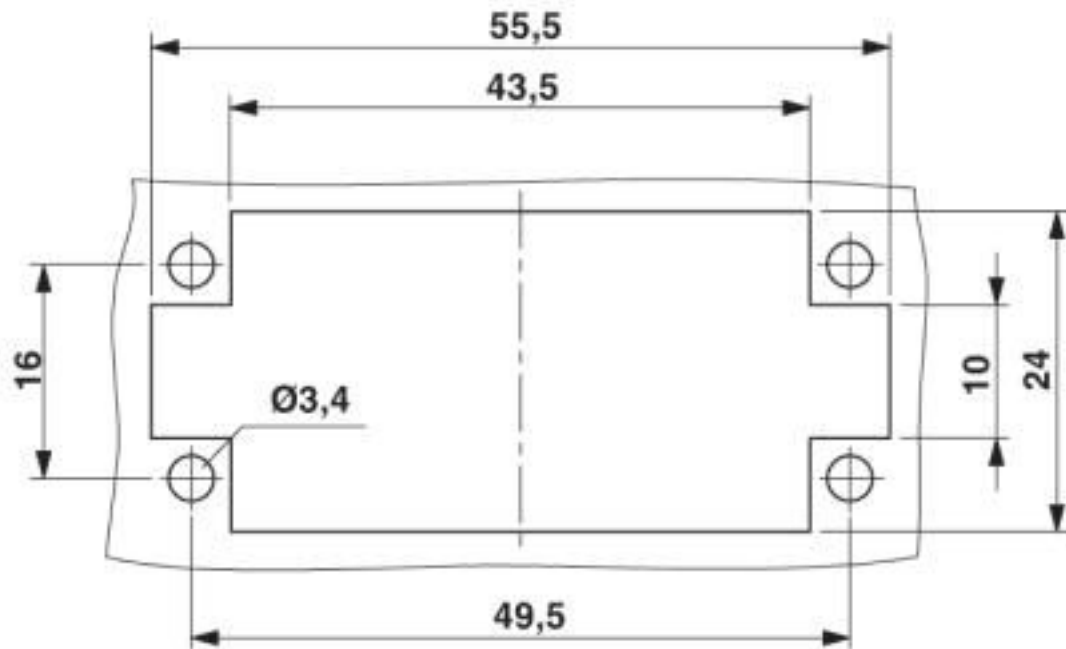
Dimensional drawing



Dimensional drawing

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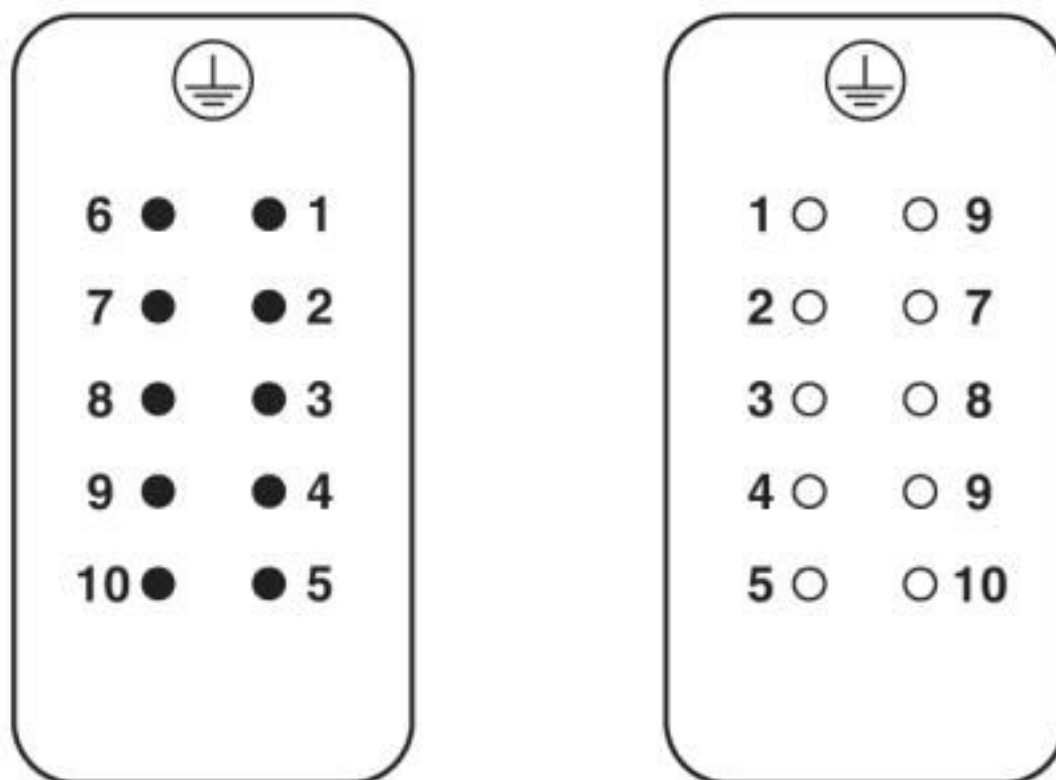
Dimensional drawing



Mounting cutout when used without housing

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Schematic diagram



Connector pin assignment, connection side

Classifications

eCl@ss

eCl@ss 10.0.1	27440205
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27261200
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

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Classifications

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522
UNSPSC 18.0	39121522
UNSPSC 19.0	39121522
UNSPSC 20.0	39121522
UNSPSC 21.0	39121522

Approvals

Approvals

Approvals

CSA / UL Recognized / DNV GL / EAC / 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	

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	
mm²/AWG/kcmil		14	

DNV GL		https://approvalfinder.dnvgl.com/	TAE000037S
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Approvals

EAC		EAC-Zulassung
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EAC		RU C- DE.BL08.B.00511
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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

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...

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Accessories

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Mounting material

Screw - HC-A-PES - 1584868



PE screw for contact inserts of A series

Additional products

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



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

Mouser Electronics

Authorized Distributor

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