

Contact insert - HC-D 15-ESTC - 1772324


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HEAVYCON male insert, D15 series, 15-pos., crimp connection



Key commercial data

Packing unit	10 pc
GTIN	 4 017918 036997
Weight per Piece (excluding packing)	32.96 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	For HC-D15 housing, crimp contacts CK1,6-ED (crimp contacts not included in scope of supply)
Connection method	Crimp connection
Pollution degree	3
Surge voltage category	III
Constructional and testing regulations	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
	IEC 60352
Number of positions	15+PE
Insertion/withdrawal cycles	≥ 500
Type	D15
Connection in acc. with standard	IEC / EN
Conductor cross section	0.14 mm ² ... 2.5 mm ²
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm

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Technical data

General

	6 mm (2.5 mm ²)
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	- Use of HC-CST (1676857) coding pins and HC-CBU (1676860) coding sockets has been prescribed.

Ambient conditions

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

Inflammability class according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PA

Electrical characteristics

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	10 A

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
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

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

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

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Approvals

Approvals


Approvals


CSA / UL Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm ² /AWG/kcmil	22-16
Nominal current I _N	10 A
Nominal voltage U _N	300 V

UL Recognized 	
mm ² /AWG/kcmil	22-16
Nominal current I _N	10 A
Nominal voltage U _N	600 V

EAC

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

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

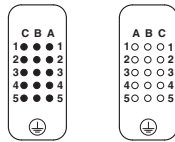


HEAVYCON connector assembly frame, for contact inserts of type D15

Drawings

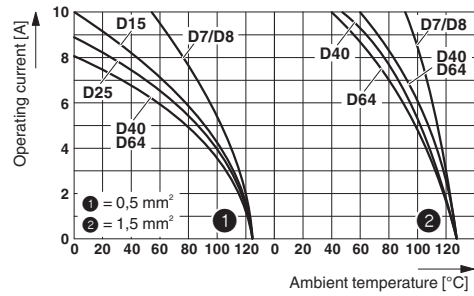
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Schematic diagram



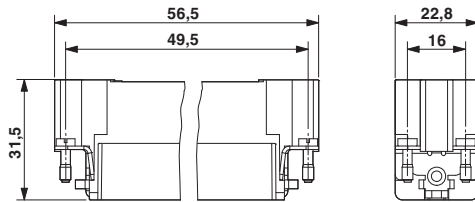
Connector pin assignment, connection side: left pin, right socket

Diagram



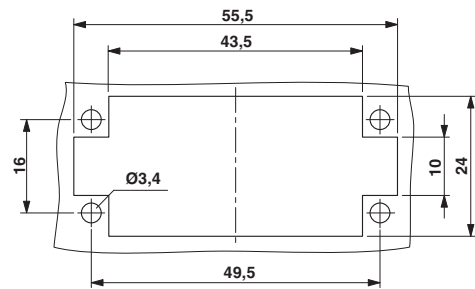
Derating diagram: HC-D...C series

Dimensioned drawing



Male insert (turned contacts)

Dimensioned drawing



Panel cutout