

Contact insert - HC-D 7-EBUC - 1772230

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HEAVYCON female insert, D7 series, 7-pos., crimp connection, with IP65 sealing screw



Key commercial data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 017918 036904
Weight per Piece (excluding packing)	10.1 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	For HC-D7 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	7+PE
Insertion/withdrawal cycles	≥ 500
Type	D7
Connection in acc. with standard	IEC / EN
Conductor cross section	0.14 mm ² ... 2.5 mm ²
Connection cross section AWG	26 ... 14

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Technical data

General

Stripping length of the individual wire	8 mm
	6 mm (2.5 mm ²)
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	The inserts may only be used in plastic housings at voltages >42 V, since it is not possible to connect the protective conductor and the housing with each other.

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

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Classifications

UNSPSC

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

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Accessories

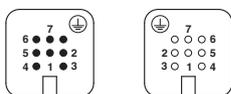
Dummy socket - CK1,6-ED-BB - 1645888



Dummy socket for contact carrier with turned CK 1,6-ED.. female contacts

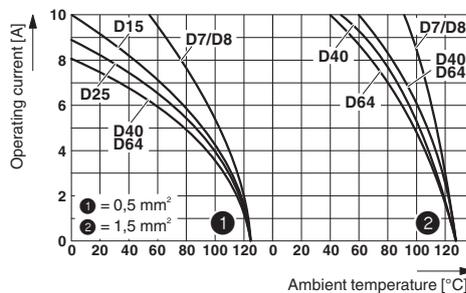
Drawings

Schematic diagram



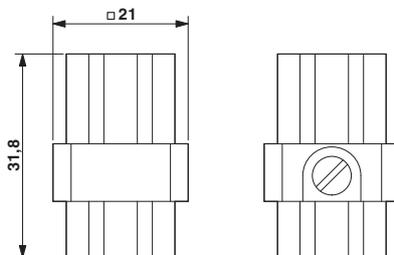
Connector pin assignment, connection side

Diagram



Derating diagram: HC-D...C series

Dimensioned drawing



Female insert (turned contacts)