INDUSTRIAL COMPONENT DATA

HC-D 7-I-CT-F 1584347 PHOENIX CONTACT HEAVYCON female insert, D7 series, 7-pos., crimp connection, with IP65..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-D 7-I-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-D 7-I-CT-F
Catalog number	1584347
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-F286BCF55C
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Product Overview

HEAVYCON female insert, D7 series, 7-pos., crimp connection, with IP65 sealing screw
Contact insert, number of poles: 7+PE, size: D7, number of connections per pole: 1, Female, Crimped connection, 250 V, 10 A, 0.14 mm² ... 2.5 mm², only suitable for plastic housings

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial plug-in connectors/interfaces

Additional Product Information

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
Overvoltage 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 mm² ... 2.5 mm²
Connection cross section AWG 26 ... 14
Stripping length of the individual wire 8 mm (0.14 - 1.5 mm²)
6 mm (2.5 mm²)
Assembly instructions Connectors may be operated only when there is no load/voltage.
Connection The inserts may only be used in plastic housing at voltages > 42 V, as it is not possible to establish a connection between the protective conductor and housing. Product already includes one IP65 sealing screw.
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)
Material data
Flammability rating according to UL 94 V0
Contact material Copper alloy
Contact surface material Ag (alternatively Au)
Contact carrier material PC
Standards/regulations PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
Electrical characteristics
Rated voltage (III/3) 250 V
Rated surge voltage 4 kV
Rated current 10 A

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-D 7-I-CT-F with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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