INDUSTRIAL COMPONENT DATA

# HC-D 7-EBUC-R 1679508 PHOENIX CONTACT Contact insert

**Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-D 7-EBUC-R**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | HC-D 7-EBUC-R |
| Catalog number | 1679508 |
| Category | Contact insert for rectangular connectors |
| Minimum order | 10 Pcs |
| Document ID | EO-F6725491CE |
| Generated | 2026-11-18 |

## Product Overview

Contact insert

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

Key Commercial Data
Orderkey 1679508
Packing unit 10 pc
Catalog page Page 407 (C-4-2013)
GTIN 4017918163730
Weight per Piece (excluding packing) 16.000 g
Custom tariff number 85366990
Country of origin CZ (Czech Republic)
General
Note For HEAVYCON housing of type D7, crimp contacts CK1,6-ER / CK1,6-BR (crimp contacts not included in the scope of supply)
Connection method Crimp connection
Degree of pollution 3
Overvoltage category III
Number of positions 7+PE
Insertion/withdrawal cycles >= 500

Size D7
Contact numbering 1 - 7
Conductor cross section 0.14 mm² ... 1.5 mm²
Connection cross section AWG 26 ... 16
Stripping length of the individual wire 3 mm +0,5 mm (0,14 mm² ... 0,5 mm²)
3.5 mm +1 (0.5 mm² ... 1.5 mm²)
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
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)
Material data
Contact material Copper alloy
Contact surface material Ag (alternatively Au)
Contact carrier material PBTP
Electrical characteristics
Rated voltage (III/3) 250 V
Rated surge voltage 4 kV
Rated current 10 A
Standards and Regulations
Connection in acc. with standard CSA
Constructional and testing regulations DIN VDE 0627/86
DIN VDE 0110/02.79
DIN VDE 0110-1/04.97
IEC 60664-1...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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



Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.