INDUSTRIAL COMPONENT DATA

HC-BB46-I-CT-M 47-92 1406546 PHOENIX CONTACT HEAVYCON plug insert, series: BB46, pos. marking: 47 ... 92, 46..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-BB46-I-CT-M 47-92



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-BB46-I-CT-M 47-92
Catalog number	1406546
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-5EFA255063
Generated	2026-11-18

Product Overview

HEAVYCON plug insert, series: BB46, pos. marking: 47 ... 92, 46-pos., crimp connection, with plastic coding profile, can be coded
Contact insert, number of poles: 46+PE, size: B24, Male, Crimped connection, 500 V, 16 A, 0.5 mm² ... 4 mm², Application: Power

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
Connection method Crimp connection
Pollution degree 3
Overvoltage category III
Number of positions 46+PE
Insertion/withdrawal cycles >= 500
Type B24
Connection in acc. with standard IEC / EN
Conductor cross section 0.5 mm² ... 4 mm²
Connection cross section AWG 20 ... 12

Stripping length of the individual wire 7.5 mm
Assembly instructions - Housing heights of h >= 72 mm are recommended when there is a high number of wires.
Connection Connectors may only be inserted when there is no load/the power is switched off. Contact release by means of CK2,5-EWZ (Order No. 1662722)
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) 500 V
Rated surge voltage 6 kV
Rated current 16 A

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-BB46-I-CT-M 47-92 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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