INDUSTRIAL COMPONENT DATA

HC-K12/2-ESTC-WS 1497713 PHOENIX CONTACT Contact insert, number of poles: 12+2+PE, size: B16, power contacts..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-K12/2-ESTC-WS

Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-K12/2-ESTC-WS
Catalog number	1497713
Category	Contact insert for rectangular connectors
Minimum order	700 Pcs
Document ID	EO-9D6CCF0EB9
Generated	2026-11-19

Product Overview

Contact insert, number of poles: 12+2+PE, size: B16, power contacts: 12, control contacts: 2, Male, Crimp connection, 690 V, 40 A, 1.5 mm2 ... 6 mm2, Application: Power/Signal, without fixing screws M3 x 10 H1L
Contact insert, number of poles: 12+2+PE, size: B16, power contacts: 12, control contacts: 2, Male, crimped connection, 690 V, 40 A, 1.5 mm² ... 6 mm²

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

Technical dataNotesGeneral For HEAVYCON-ADVANCE and HEAVYCON housings of B16/B32 construction, power contacts: CK 4.0-ED, control contacts: CK 1.6-ED (crimped contacts not included in the scope of delivery)
General The connectors should be operated only without load/voltage.
assemblyInstallation instructions Proper use requires mounting in a housing with IP54 or higher degree of protection
Connection type Crimp connection
Item PropertiesConstruction B16
B32
Product Type Fixed pole contact insert
Number of poles 14
Plug Face 12+2+PE
Number of Power Contacts 12
Number of control contacts 2

Type of contact material Machining
Series HC-K
Insulation Properties
Surge Category Iii
Degree of pollution 3
DimensionsDimension Scheme
Width 34 mm
Height 39.6 mm
Longitude 84.5 mm
Horizontal Hole Spacing 77.5 mm
Mechanical Parameters
Contact Diameter 4 mm
Connection dataConnection technology
Connection technology Crimp Connection (Power Contacts)
Crimp Connection (Control Contacts)
Connecting Conductors
Connection Section 1.5 mm² ... 6 mm² (Power Contacts)
0.14 mm² ... 2.5 mm² (Control contacts)
AWG Connection Section 16 ... 10 (Power Contacts)
26 ... 14 (Command Contacts)
Tightening torque 0.8 Nm ... 1.2 Nm (PE connection)
0.5 Nm ... 0.8 Nm (HEAVYCON housing-mounting fixing screws)
Length to be de-isolated from the individual conductor 9 mm (Capacity 1.5 mm²|... 2.5 mm²)
8 mm (Control contacts, with a cross-section of 0.14 mm² ... 1.5 mm²)
9.5 mm (power contacts, with a cross-section of 4...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-K12/2-ESTC-WS with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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