INDUSTRIAL COMPONENT DATA

HC-Q-I-RJ45I-AD-08-PC-M 1077119 PHOENIX CONTACT Contact insert, number of positions: RJ45, size: D7, type : ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-Q-I-RJ45I-AD-08-PC-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-Q-I-RJ45I-AD-08-PC-M
Catalog number	1077119
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-900B1BEE46
Generated	2026-11-19

Product Overview

Contact insert, number of positions: RJ45, size: D7, type : RJ45, Pin, 50 V, 1 A, application: Data, with adapter for RJ industrial connector
Contact insert, number of poles: RJ45, size: D7, type: RJ45, Male, 50 V, 1 A, application: Data, Adapter for RJ45 connector

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 Refer to the accessories list for the corresponding RJ45 connectors
General Connectors may be operated only when there is no load/voltage.
Product propertiesProduct type Contact insert with a fixed no. of positions
Series HC-Q
Application Data
Type D7
Sensor type Ethernet
Number of positions 8
Connection profile RJ45
Type RJ45
Data management status
Article revision 03
Insulation characteristics

Overvoltage category III
Degree of pollution 3
DimensionsWidth 21 mm
Height 35 mm
Length 21 mm
Connection dataConnection technology
Connection in acc. with standard IEC / EN
Conductor connection
Tightening torque 0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)
Electrical propertiesRated voltage (III/3) 50 V
Rated surge voltage 0.8 kV
Rated current 1 A
Transmission characteristics (category) CAT5e
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 500
Material specificationsFlammability rating according to UL 94 V0
Contact material Copper alloy
Contact surface material 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)
Environmental and real-life conditionsAmbient conditions
Ambient temperature (operation) -40 °C ... 70 °C
Standards and regulationsTesting
Standards/regulations PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-Q-I-RJ45I-AD-08-PC-M 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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