

INDUSTRIAL COMPONENT DATA

HC-D 40-A-TWIN-PEL-F 1580147 PHOENIX CONTACT Terminal adapter

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-D 40-A-TWIN-PEL-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-D 40-A-TWIN-PEL-F
Catalog number	1580147
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-D3C85AF514
Generated	2026-08-02

Product Overview

Terminal adapter

HEAVYCON terminal adapter with female insert, D40 series, 40 poles, PE connection on the right for the left side of the control cabinet, push-in connection

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 mounting flange and HEAVYCON panel mounting base of B16 type

General Connectors may be operated only when there is no load/voltage.

Product propertiesProduct type Terminal adapter

Product family HC-D

Series HC-D

Type B16

Number of positions 40

Connection profile 40+PE

Type for the left side of the control cabinet

Data management status

Article revision 09

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Electrical properties Rated voltage (III/3) 250 V

Rated surge voltage 4 kV

Rated current 10 A

SCCR 5 kA (UL 2237)

Connection data Connection technology

Connection technology Push-in connection

Conductor connection

Conductor cross section 0.5 mm² ... 2.5 mm²

Connection cross section AWG 22 ... 12

Stripping length of the individual wire 10 mm

Dimensions Dimensional drawing

Width 34 mm

Height 141.1 mm

Length 83 mm

Drill hole distance, horizontal 77.5 mm

Drill hole distance, vertical 27 mm

Material specifications Flammability rating according to UL 94 V0

Contact material Copper alloy

Contact surface material Ag

Contact carrier material PA

Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Cable/line Stripping length of the individual wire 10 mm

Mechanical properties Mechanical data

Insertion/withdrawal cycles $\geq$ 500

Environmental and real-life conditions Ambient conditions

Degree of protection IP20

Ambient temperature (operati...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-D 40-A-TWIN-PEL-F 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

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.