

INDUSTRIAL COMPONENT DATA

SUBCON-PLUS-F/AX 9 2311797 PHOENIX CONTACT D-SUB bus connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SUBCON-PLUS-F/AX 9



Manufacturer	PHOENIX CONTACT
MPN / Reference	SUBCON-PLUS-F/AX 9
Catalog number	2311797
Category	D-Sub connector
Minimum order	1 Pcs
Document ID	EO-57EA67BD09
Generated	2026-08-03

Product Overview

D-SUB bus connector

D-SUB connector, 9-pole female connector, axial design with two cable entries, universal type for all systems, pin occupancy: 1, 2, 3, 4, 5, 6, 7, 8, 9 on screw connection terminals

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 > Safety**

Additional Product Information

Key Commercial Data

Orderkey 2311797

Packing unit 1 pc

Catalog page Page 378 (C-6-2017)

GTIN 4046356293945

Weight per Piece (excluding packing) 34.000 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Max. cable diameter 8.4 mm

Min. cable diameter 7.6 mm

Width 17 mm

Height 31.5 mm

Length 58.2 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 75 °C

Ambient temperature (storage/transport) -25 °C ... 80 °C

Altitude 5000 m (For restrictions see manufacturer's declaration)

Degree of protection IP30

General

Nominal voltage UN 50 V

Nominal current IN 100 mA

Bus system Universal type for all systems

Signal RS-232

RS-422

RS-485

Insertion/withdrawal cycles > 200

SUBCON fixing screws 4-40 UNC

Tightening torque 0.4 Nm

Housing material ABS, metal-plated

Pin assignment 1, 2, 3, 4, 5, 6, 7, 8, 9

MTTF 6706 Years (SN 29500 standard, temperature 25 °C, operating cycle 21 % (5 days a week, 8 hours a day))

1817 Years (SN 29500 standard, temperature 40 °C, operating cycle 34.25 % (5 days a week, 12 hours a day))

155 Years (SN 29500 standard, temperature 40 °C, operating cycle 100 % (7 days a week, 24 hours a day))

Connection data

Connection D-SUB connection

Number of positions 9

Connection method D-SUB socket

Torque 0.4 Nm

Connection PCB connection

Connection method Screw connection

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 0.5 mm²

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 0.5 mm²

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SUBCON-PLUS-F/AX 9 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.