INDUSTRIAL COMPONENT DATA

SUBCON-PLUS F2 2799490 PHOENIX CONTACT D-SUB bus connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SUBCON-PLUS F2



Manufacturer	PHOENIX CONTACT
MPN / Reference	SUBCON-PLUS F2
Catalog number	2799490
Category	D-Sub connector
Minimum order	1 Pcs
Document ID	EO-1FA2541956
Generated	2026-11-18

Product Overview

D-SUB bus connector
D-SUB connector, 9-pole female connector, two cable entries under 35º, bus system: CAN, SUCONET K1, K2 (MOELLER), S-BUS (Saia), J-BUS (Merlin Gerin), pin occupancy: 2, 3, 4, 5, 7, 9; on two screw connection terminals respectively

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 2799490
Packing unit 1 pc
Catalog page Page 378 (C-6-2017)
GTIN 4017918156305
Weight per Piece (excluding packing) 55.200 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Max. cable diameter 10 mm
Min. cable diameter 6 mm
Width 16 mm
Height 44 mm

Length 60 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 IP20
General
Nominal voltage UN 50 V
Nominal current IN 100 mA
Bus system CAN, SOCUNET K1, K2 (Moeller), S-BUS (Saia), J-BUS (Merlin Gerin)
Signal RS-485
Insertion/withdrawal cycles > 200
SUBCON fixing screws 4-40 UNC
Tightening torque 0.4 Nm
Housing material ABS, metal-plated
Pin assignment 2,3,4,5,7,9 on two terminal blocks
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
Tightening torque 0.4 Nm
Connection PCB connection
Connection method Screw connection
Conductor cross section flexible min. 0.14 mm²
Conductor cross section flexible max. 1 mm²
Conductor cross section solid min. 0.14 mm²
Conducto...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SUBCON-PLUS F2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.