INDUSTRIAL COMPONENT DATA

SUBCON-PLUS-PROFIB/AX 2744377 PHOENIX CONTACT D-SUB bus connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SUBCON-PLUS-PROFIB/AX
Catalog number	2744377
Category	D-Sub connector
Minimum order	1 Pcs
Document ID	EO-96DA44E239
Generated	2026-11-19

Product Overview

D-SUB bus connector
D-SUB connector, 9 poles, male, axial design with two cable entries, bus system: PROFIBUS DP up to 12 Mbits/s, terminal resistor connectable via sliding switch, pin occupancy: 3, 5, 6, 8; Spring-loaded terminal blocks
D-SUB connector, 9-pin, pin, axial version with two cable feeds, bus system: PROFIBUS DP up to 12 Mbit/s, termination resistor can be switched on via slide switch, pin assignment: 3, 5, 6, 8; Spring 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 2744377
Packing unit 1 pc
Catalog page Page 375 (C-6-2017)
GTIN 4017918818135
Weight per Piece (excluding packing) 54.500 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 5 V
Nominal current IN 100 mA
Bus system PROFIBUS DP
Signal PROFIBUS
Insertion/withdrawal cycles > 200
SUBCON fixing screws 4-40 UNC
Tightening torque 0.4 Nm
Housing material ABS, metal-plated
Pin assignment 3, 5, 6, 8
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 connector
Termination resistor 390 ?
220 ?
390 ? (Can be connected externally)
Torque 0.4 Nm
Connection PCB connection
Connection method Spring-cage connection
Conductor cross section solid min. 0.12 mm²
Conductor cross section solid max. 0.5 mm²
Conductor cross section AWG min. 26
Conductor cross section...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SUBCON-PLUS-PROFIB/AX 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.