

INDUSTRIAL COMPONENT DATA

SUBCON-PLUS-PROFIB/90/PG/IDC 2313685 PHOENIX CONTACT D-SUB bus connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SUBCON-PLUS-PROFIB/90/PG/IDC



Manufacturer	PHOENIX CONTACT
MPN / Reference	SUBCON-PLUS-PROFIB/90/PG/IDC
Catalog number	2313685
Category	D-Sub connector
Minimum order	1 Pcs
Document ID	EO-2E229431AC
Generated	2026-09-22

Product Overview

D-SUB bus connector

D-SUB male connector, 9 poles, male, cable entry below 90°, bus system: PROFIBUS DP up to 12 MBit/s with PG-D-SUB female connector for connection of a programming device, closing resistor, connectable via sliding switch, pole diagram: 3, 5, 6, 8; IDC terminal block 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 > Safety

Additional Product Information

Key Commercial Data

Orderkey 2313685

Packing unit 1 pc

Catalog page Page 375 (C-6-2017)

GTIN 4046356514576

Weight per Piece (excluding packing) 41.000 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Max. cable diameter 8.4 mm

Min. cable diameter 7.6 mm

Width 16.8 mm

Height 34.8 mm

Length 72 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 IP40

General

Nominal voltage UN 5 V

Nominal current IN 100 mA

Bus system PROFIBUS DP

Signal PROFIBUS

Insertion/withdrawal cycles > 200

Test voltage 50 V

SUBCON fixing screws 4-40 UNC

Tightening torque 0.4 Nm

Torque 1.2 Nm (Housing screw)

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)

Connection IDC terminal blocks

Connection method IDC fast connection

Conductor cross section flexible min. 0.32 mm²

Conductor cross section flexible max. 1 mm²

Conductor cross sec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SUBCON-PLUS-PROFIB/90/PG/IDC 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.