

## INDUSTRIAL COMPONENT DATA

# SUBCON-PLUS-MODBUS/IL/BK 2310808 PHOENIX CONTACT

## D-SUB bus connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SUBCON-PLUS-MODBUS/IL/BK



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | SUBCON-PLUS-MODBUS/IL/BK |
| Catalog number  | 2310808                  |
| Category        | D-Sub connector          |
| Minimum order   | 1 Pcs                    |
| Document ID     | EO-5B1B0F2008            |
| Generated       | 2026-09-21               |

### Product Overview

D-SUB bus connector

D-SUB connector, 9 poles, male, two cable entries at 35°, bus system: For Modbus RTU/ASCII Inline bus coupler, locking resistor connectable via slide switch, pin occupancy: 3, 5, 6, 8; 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 2310808

Packing unit 1 pc

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GTIN 4046356124461

Weight per Piece (excluding packing) 41.800 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Max. cable diameter 10 mm

Min. cable diameter 7.6 mm

Width 16 mm

Height 49.5 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 IP40

General

Nominal voltage UN 5 V

Nominal current IN 100 mA

Signal Modbus

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

Connection data

Connection D-SUB connection

Number of positions 9

Connection method D-SUB connector

Termination resistor 150 Ω (Can be connected externally)

470 Ω (Can be connected externally)

Connection PCB connection

Connection method Screw connection

Conductor cross section flexible min. 0.14 mm<sup>2</sup>

Conductor cross section flexible max. 1 mm<sup>2</sup>

Conductor cross section solid min. 0.14 mm<sup>2</sup>

Conductor cross section solid max. 1.5 mm<sup>2</sup>

Conductor cross section AWG min. 26

Conductor cross section AWG max. 16

Stripping length 5 mm

Tightening torque 0.4 Nm

Standards and Regulations

Free from substances that could impair the application of coating according to P-VW 3.10.7 57 65 0 VW-AUDI-Seat central standard

Noxious gas test ISA-S71.04-1985 G3 H...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SUBCON-PLUS-MODBUS/IL/BK with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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