

INDUSTRIAL COMPONENT DATA

SM-5ES1N8A8003 1605805 PHOENIX CONTACT Cable connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SM-5ES1N8A8003



Manufacturer	PHOENIX CONTACT
MPN / Reference	SM-5ES1N8A8003
Catalog number	1605805
Category	Sensor-actuator connector chassis
Minimum order	12 Pcs
Document ID	EO-76BC2BEBA4
Generated	2026-08-03

Product Overview

Cable connector

Plug-in connector. for cables, Short straight, Screw lock, M40, number of poles: 2+3+PE, contact type: Female, shielded: yes, cable diameter range: 12.5 mm ... 17 mm, number of poles: 6, connection type: Set 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 > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data

Orderkey 1605805

Packing unit 12 pc

Minimum order quantity 12 pc

Note Made to Order (non-returnable)

Catalog page Page 82 (PC-2011)

GTIN 4046356182508

Weight per Piece (excluding packing) 396.240 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Note Order information: Order crimp contacts 2 x Ø 2 mm, 4 x Ø 3.6 mm separately

Type of locking Screw locking

Coding N

Contact connection method Crimp connection

Type of contacts Socket

Number of positions 6

Contact diameter of power contacts 3.6 mm

Nominal current per power contact at 25°C 70 A

Contact diameter of signal contacts 2 mm

Nominal current per signal contact at 25°C 30 A

Conductor entry 12.5 mm ... 17 mm

Pg housing screw connection none

Ambient conditions

Ambient temperature -40 °C ... 125 °C

Degree of protection IP67

Material

Housing material Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)

Insulator material PA 6.6

Gasket and O-ring material FPM

Specifications according to DIN EN 61984:2001

Installation height max. 3000 m

Nominal / operating voltage of power contacts 630 V

Rated surge voltage of power contacts 6 kV

Overvoltage category of power contacts III

Degree of pollution of power contacts 3

Nominal / operating voltage of signal contacts 250 V

Rated surge voltage of signal contacts 4 kV

Overvoltage category of signal contacts III

Degree of pollution of signal contacts 3

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SM-5ES1N8A8003 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.