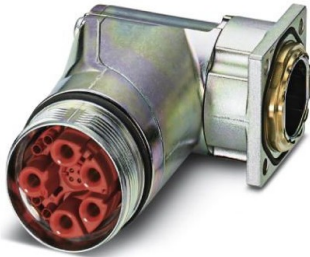


INDUSTRIAL COMPONENT DATA

SB-8ESSA8AA700S 1623366 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: SB-8ESSA8AA700S



Manufacturer	PHOENIX CONTACT
MPN / Reference	SB-8ESSA8AA700S
Catalog number	1623366
Category	Circular connector, mounting (without cable)
Minimum order	1 Pcs
Document ID	EO-A1F65E63BE
Generated	2026-08-03

Product Overview

Device connector, front mounting

M40, Conect. plug. to be apar. front wall, SB, Swivel angle, shielded: yes, for standard lock and SPEEDCON, Rotation direction: Standard, contact type: Female, Crimped connection, Axial O-ring, 4x Ø4.2

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 1623366

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 129 (C-2-2017)

GTIN 4055626194882

Weight per Piece (excluding packing) 604.000 g

Custom tariff number 85366990

Country of origin DE (Germany)

Temperature range

Ambient temperature (operation) -40 °C ... 130 °C

Data of the insulating body

Contact connection method Crimp connection

Type of contacts Socket

Application Hybrid

Number of positions 13

Contact diameter of power contacts 3.6 mm

Litz wire cross section of power contacts min. 1 mm²

Litz wire cross section of power contacts max. 10 mm²

Nominal current per power contact at 25°C 70 A

Nominal voltage, power contact 630 V AC

850 V DC

Rated surge voltage 6 kV

Overvoltage category III

Degree of pollution 3

Contact diameter of signal contacts 1 mm

Litz wire cross section of signal contacts min. 0.06 mm²

Litz wire cross section of signal contacts max. 1.5 mm²

Nominal current per signal contact at 25°C 8 A

Nominal voltage, signal contact 500 V

Rated surge voltage 1.5 kV

Overvoltage category III

Degree of pollution 3

Contact diameter, data contacts 1 mm

Litz wire cross section, data contacts, min. 0.06 mm²

Litz wire cross section, data contacts, max. 1.5 mm²

Nominal current per data contact at 25°C 8 A

Nominal voltage of data contact 50 V

Rated surge voltage 1.5 kV

Housing data

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

Type of locking for standard and SPEEDCON interlock

Degree of...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SB-8ESSA8AA700S 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

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