INDUSTRIAL COMPONENT DATA

SB-8ESSD8AA700S 1623720 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: SB-8ESSD8AA700S



Manufacturer	PHOENIX CONTACT
MPN / Reference	SB-8ESSD8AA700S
Catalog number	1623720
Category	Circular connector, mounting (without cable)
Minimum order	1 Pcs
Document ID	EO-DA28101447
Generated	2026-11-18

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 1623720
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 129 (C-2-2017)
GTIN 4055626194899
Weight per Piece (excluding packing) 22.220 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-8ESSD8AA700S 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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