INDUSTRIAL COMPONENT DATA

SB-8ESSA8AWT00S 1623372 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: SB-8ESSA8AWT00S



Manufacturer	PHOENIX CONTACT
MPN / Reference	SB-8ESSA8AWT00S
Catalog number	1623372
Category	Circular connector, mounting (without cable)
Minimum order	1 Pcs
Document ID	EO-1FA3F4B653
Generated	2026-11-19

Product Overview

Device connector, front mounting
M40, Conect. plug. to be apar. front wall, SB, straight, shielded: yes, for standard lock and SPEEDCON, No. of poles: 8+4+PE, Rotation direction: Standard, contact type: Female, Crimped connection, Axial O-ring, 4x Ø4.2, flange measurement: 40 mm x 40 mm, coding:Signal, coding 1

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 1623372
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 128 (C-2-2017)
GTIN 4055626195100
Weight per Piece (excluding packing) 201.400 g
Custom tariff number 85366990
Country of origin DE (Germany)
Temperature range
Ambient temperature (operation) -40 °C ... 130 °C
Data of the insulating body

Coding Signal, coding 1
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. 16 mm²
Nominal current per power contact at 25°C 70 A
Rated surge voltage 6 kV
Degree of pollution 3
Rated voltage (II/3) power contact 850 V DC
Rated voltage (III/3) power contact 630 VòAC
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
Rated surge voltage 6 kV
Rated voltage (III/3) signal contact 500 V
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
Rated surge voltage 1.5 kV
Rated voltage (III/3) data contact 50 V
Housing data
Housing material Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Flange dimensions 40 mm x 40 mm
Type of locking for standard an...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SB-8ESSA8AWT00S 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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