

## 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-EFCFBB93F3                                |
| Generated       | 2026-08-03                                   |

## 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)

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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 mm<sup>2</sup>  
Litz wire cross section of power contacts max. 16 mm<sup>2</sup>  
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 V<sub>0</sub>AC  
Contact diameter of signal contacts 1 mm  
Litz wire cross section of signal contacts min. 0.06 mm<sup>2</sup>  
Litz wire cross section of signal contacts max. 1.5 mm<sup>2</sup>  
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 mm<sup>2</sup>  
Litz wire cross section, data contacts, max. 1.5 mm<sup>2</sup>  
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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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