

**INDUSTRIAL COMPONENT DATA**

# SH-8ESS48AWA00S 1621568 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: SH-8ESS48AWA00S



|                 |                                              |
|-----------------|----------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                              |
| MPN / Reference | SH-8ESS48AWA00S                              |
| Catalog number  | 1621568                                      |
| Category        | Circular connector, mounting (without cable) |
| Minimum order   | 1 Pcs                                        |
| Document ID     | EO-05829590FB                                |
| Generated       | 2026-08-03                                   |

## Product Overview

Device connector, front mounting

M23, Conect. plug. to be apar. front wall, SH, straight, shielded: yes, for standard and SPEEDCON locking, No. of poles: 8+4+PE, contact type: Female, Crimped connection, Axial O-ring, 4x Ø 3.2, flange size: 26mm x 26mm, coding:N

**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 1621568

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 117 (C-2-2017)

GTIN 4046356937160

Weight per Piece (excluding packing) 38.900 g

Custom tariff number 85366990

Country of origin DE (Germany)

Temperature range

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

Data of the insulating body

Note Order information: Crimp contacts, 8 x Ø 1 mm, 5 x Ø 2 mm, order separately

Coding N

Insulator material PA 6.6

Insertion/withdrawal cycles mechanical 100

Contact connection method Crimp connection

Type of contacts Socket

Application Hybrid

Number of positions 13

Contact diameter of power contacts 2 mm

Litz wire cross section of power contacts min. 0.25 mm<sup>2</sup>

Litz wire cross section of power contacts max. 4 mm<sup>2</sup>

Nominal current per power contact at 25°C 30 A

Rated surge voltage 6 kV

Rated voltage (II/3) power contact 850 V DC

Rated voltage (III/3) power contact 630 V $\sqrt{2}$ 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 mm<sup>2</sup>

Nominal current per signal contact at 25°C 8 A

Rated surge voltage 1.5 kV

Rated voltage (III/3) signal contact 50 V

Housing data

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

Flange dimensions 26 mm x 26 mm

Type of locking for standard and SPEEDCON interlock

Degree of protection (when plugged in) IP67

IP68

Thread type M23

Environmental Product Compliance

China RoHS Environmentally...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SH-8ESS48AWA00S 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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