INDUSTRIAL COMPONENT DATA

# SH-8ESS48AAD00S 1621564 PHOENIX CONTACT Device connector, front mounting

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SH-8ESS48AAD00S**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SH-8ESS48AAD00S |
| Catalog number | 1621564 |
| Category | Circular connector, mounting (without cable) |
| Minimum order | 1 Pcs |
| Document ID | EO-C6164DE68B |
| Generated | 2026-11-18 |

## Product Overview

Device connector, front mounting
M23, Conect. plug. to be apar. front wall, SH, Swivel angle, shielded: yes, for standard lock and SPEEDCON, 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

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|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Key Commercial Data
Orderkey 1621564
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 119 (C-2-2017)
GTIN 4046356937122
Weight per Piece (excluding packing) 111.110 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 mm²
Litz wire cross section of power contacts max. 4 mm²
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 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 mm²
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
Note The suitability for assembly must be checked when fully assigned with maximum wire cross sections.
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 protectio...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SH-8ESS48AAD00S 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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