INDUSTRIAL COMPONENT DATA

# ST-8ES1N8AW500S 1620461 PHOENIX CONTACT Device connector, front mounting

**Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-8ES1N8AW500S**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | ST-8ES1N8AW500S |
| Catalog number | 1620461 |
| Category | Circular connector, mounting (without cable) |
| Minimum order | 1 Pcs |
| Document ID | EO-7803240ADC |
| Generated | 2026-11-18 |

## Product Overview

Device connector, front mounting
Conect. plug. to be apar. front wall, straight, for standard and SPEEDCON locking, M17, number of poles: 5+3+PE, contact type: Female, Axial O-ring, 4x Ø 3.2, shielded: yes, flange size: 25.75 mm x 25.75 mm, protection index: IP67, number of poles: 9, connection type: Crimped connection, series: ST
Appliance connector front, straight, for standard and SPEEDCON locking, M17, number of poles: 5+3+PE, contact connection type: Female, axial O-ring, 4x Ø 3.2, shielded: yes, flange size: 25.75 mm x 25.75 mm, number of poles: 9, connection type: Crimp connection, series: ST

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 1620461
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 143 (C-2-2017)
GTIN 4046356828123
Weight per Piece (excluding packing) 30.000 g
Custom tariff number 85366990
Country of origin DE (Germany)

General
Note Order information: Order crimp contacts 5 x 0.6 mm, 4 x Ø 1 mm separately
Type of locking for standard and SPEEDCON interlock
Direction of rotation of contact chamber numbering Standard
Coding N
Contact connection method Crimp connection
Type of contacts Socket
Number of positions 9
Contact diameter of power contacts 1 mm
Nominal current per power contact at 25°C 14 A
Contact diameter of signal contacts 0.6 mm
Nominal current per signal contact at 25°C 3.6 A
Pg housing screw connection none
Mounting type 4x Ø 3.2
Ambient conditions
Ambient temperature -40 °C ... 125 °C
Degree of protection IP67
Specifications according to DIN EN 61984:2001
Installation height max. 3000 mm
Nominal / operating voltage of power contacts 630 V
Rated surge voltage of power contacts 6 kV
Overvoltage category of power contacts III
Degree of pollution of power contacts 3
Nominal / operating voltage of signal contacts 60 V
Rated surge voltage of signal contacts 1.5 kV
Overvoltage category of signal contacts III
Degree of pollution of signal contacts 3
Environmental Product Compliance
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Classific...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-8ES1N8AW500S 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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