

INDUSTRIAL COMPONENT DATA

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

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-8ES1N8AW500S
Catalog number	1620461
Category	Circular connector, mounting (without cable)
Minimum order	1 Pcs
Document ID	EO-EBAF9353BA
Generated	2026-08-03

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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.