

INDUSTRIAL COMPONENT DATA

ST-6ES1N8AA500S 1620449 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-6ES1N8AA500S



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-6ES1N8AA500S
Catalog number	1620449
Category	Sensor-actuator connector chassis
Minimum order	1 Pcs
Document ID	EO-B94BF37D9D
Generated	2026-07-29

Product Overview

Device connector, front mounting

Connect. plug. to be apar. front wall, Swivel angle, for standard and SPEEDCON lock, M17, number of poles: 6+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: 7, connection type: Crimped 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)
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Additional Product Information

Key Commercial Data

Orderkey 1620449

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356828390

Weight per Piece (excluding packing) 83.000 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Note Order information: Order 7 x Ø 1 mm crimp contacts 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 7

Contact diameter of power contacts 1 mm

Nominal current per power contact at 25°C 14 A

Contact diameter of signal contacts 1 mm

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 m

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

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027143424eCl@ss 5.127143400eCl@ss 6.027279200eCl@ss
7.027440103eCl@ss 8.027440103eCl@ss 9.027440102

ETIM 3.0EC001121ETIM 4.0EC002635ETIM 5.0EC002061ETIM 6.0EC002061

UNSP...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-6ES1N8AA500S 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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