INDUSTRIAL COMPONENT DATA

ST-7ES1N8AA500S 1620451 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-7ES1N8AA500S



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-7ES1N8AA500S
Catalog number	1620451
Category	Sensor-actuator connector chassis
Minimum order	1 Pcs
Document ID	EO-1CFB584C1D
Generated	2026-11-18

Product Overview

Device connector, front mounting
Conect. plug. to be apar. front wall, Swivel elbow, for standard and SPEEDCON lock, M17, number of poles: 7+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: 8, 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)

Additional Product Information

Key Commercial Data
Orderkey 1620451
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 144 (C-2-2017)
GTIN 4046356828413
Weight per Piece (excluding packing) 83.000 g
Custom tariff number 85366990
Country of origin DE (Germany)
General
Note Order information: Order 8 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 8
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-7ES1N8AA500S with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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