INDUSTRIAL COMPONENT DATA

ST-8ES1N8AA500S 1620453 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-8ES1N8AA500S



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-8ES1N8AA500S
Catalog number	1620453
Category	Sensor-actuator connector chassis
Minimum order	1 Pcs
Document ID	EO-2104EA31DB
Generated	2026-11-18

Product Overview

Device connector, front mounting
Conect. plug. to be apar. front wall, Swivel angle, for standard and SPEEDCON lock, 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

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 1620453
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 144 (C-2-2017)
GTIN 4046356828437
Weight per Piece (excluding packing) 83.100 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 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
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
REACh SVHC Lead 7439-92-1
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-8ES1N8AA500S with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.