INDUSTRIAL COMPONENT DATA

ST-7EP1N8AWQ00S 1607747 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-7EP1N8AWQ00S



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-7EP1N8AWQ00S
Catalog number	1607747
Category	Circular connector, mounting (without cable)
Minimum order	1 Pcs
Document ID	EO-668CBF616D
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: 7+PE, contact type: Male, Axial O-ring, 4x Ø2.7, shielded: yes, flange size: 21.6 mm x 21.6 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 1607747
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 139 (C-2-2017)
GTIN 4046356274463
Weight per Piece (excluding packing) 27.800 g
Custom tariff number 85366990
Country of origin DE (Germany)
General
Note Order information: Order crimp contacts 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 Pin
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
Nominal current per signal contact at 25°C 14 A
Pg housing screw connection none
Mounting type 4x Ø2,7
Ambient conditions
Ambient temperature -40 °C ... 125 °C
Degree of protection IP67
Material
Housing material Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material PA 6.6
Gasket and O-ring material FPM
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
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 5.027...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-7EP1N8AWQ00S with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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