

## INDUSTRIAL COMPONENT DATA

# SM-7ES1N8AYW00 1607543 PHOENIX CONTACT Device connector, front mounting with knurled nut

Brand: PHOENIX CONTACT | Manufacturer Part Number: SM-7ES1N8AYW00



|                 |                                              |
|-----------------|----------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                              |
| MPN / Reference | SM-7ES1N8AYW00                               |
| Catalog number  | 1607543                                      |
| Category        | Circular connector, mounting (without cable) |
| Minimum order   | 1 Pcs                                        |
| Document ID     | EO-6B61F61437                                |
| Generated       | 2026-08-05                                   |

## Product Overview

Device connector, front mounting with knurled nut

Plug-in connector for front wall appliances with knurled nut, angled, fixed, Screw lock, M40, number of poles: 4+3+PE, contact type: Female, Axial O-ring, 4x Ø4.2, shielded: yes, flange measurement: 40 mm x 40 mm, protection index: IP67, number of poles: 8, connection type: Crimped connection, series: SM

## 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 1607543

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356271578

Weight per Piece (excluding packing) 547.500 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Note Order information: Order crimp contacts 4 x Ø 2 mm, 4 x Ø 3.6 mm separately

Type of locking Screw locking

Coding N

Contact connection method Crimp connection

Type of contacts Socket

Number of positions 8

Contact diameter of power contacts 3.6 mm

Nominal current per power contact at 25°C 70 A

Contact diameter of signal contacts 2 mm

Nominal current per signal contact at 25°C 30 A

Pg housing screw connection none

Mounting type 4x Ø4,2

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

Nominal / operating voltage of signal contacts 250 V

Rated surge voltage of signal contacts 4 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 ab...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SM-7ES1N8AYW00 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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