

**INDUSTRIAL COMPONENT DATA**

# VS-09-ST-DSUB-FK 1688816 PHOENIX CONTACT D-SUB contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-09-ST-DSUB-FK



|                 |                  |
|-----------------|------------------|
| Manufacturer    | PHOENIX CONTACT  |
| MPN / Reference | VS-09-ST-DSUB-FK |
| Catalog number  | 1688816          |
| Category        | D-Sub connector  |
| Minimum order   | 10 Pcs           |
| Document ID     | EO-E7B4243F58    |
| Generated       | 2026-08-03       |

## Product Overview

D-SUB contact insert

D-SUB contact insert, wrap size 1, with 9 signal contacts, male contact type, connection for flat cable, angled, fixing by drill 3 mm, for VS-09 recessed frame-...

D-SUB contact insert, shell size 1, with nine signal contacts, type of contact pin, flat-ribbon cable connection, angled, fixing with a 3 mm hole, for panel mounting frame VS-09-...

**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

Technical dataProduct propertiesProduct type Male insert

Type D-SUB

Number of positions 9

Connection profile D-SUB 9

Type Male

Shielded no

Data management status

Article revision 03

Insulation characteristics

Overvoltage category III

Degree of pollution 2

Electrical properties Rated voltage (III/3) 125 V  
Rated surge voltage 1 kV  
Rated current 1.5 A (at 20 °C)  
Test voltage 1000 V  
Transmission medium Copper  
Connection data Connection method Flat-ribbon cable connection  
Dimensions Width 18.5 mm  
Height 31.19 mm  
Length 12.93 mm  
Material specifications Flammability rating according to UL 94 V0  
Housing material Steel, tin-plated  
Contact material Copper alloy  
Contact surface material Hard gold-plated over nickel  
Contact carrier material Polyester GF  
Mechanical properties Mechanical data  
Insertion/withdrawal cycles  $\geq 50$   
Environmental and real-life conditions Ambient conditions  
Ambient temperature (operation) -55 °C ... 125 °C  
Mounting Mounting type Hole  
ETIM for 1688816 Connectors (EC003557)  
Feature Name  
Feature Value  
Number of poles (EF001391)  
9

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-09-ST-DSUB-FK 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

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

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.