

**INDUSTRIAL COMPONENT DATA**

# VS-09-ST-DSUB-EG 1688793 PHOENIX CONTACT Contact insert

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



|                 |                  |
|-----------------|------------------|
| Manufacturer    | PHOENIX CONTACT  |
| MPN / Reference | VS-09-ST-DSUB-EG |
| Catalog number  | 1688793          |
| Category        | D-Sub connector  |
| Minimum order   | 100 Pcs          |
| Document ID     | EO-6E53F1937E    |
| Generated       | 2026-07-29       |

## Product Overview

Contact insert

D-SUB contact insert, wrap size 1, with 9 signal contacts, male contact type, with solder cup, straight, 3 mm hole fixing, for recessed frame and VS-09 overhead housing-...

D-SUB contact insert, shell size 1, with nine signal contacts, type of contact pin, with solder cup, straight, fixing with a 3 mm hole, for panel mounting frame and sleeve housing 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 &gt; 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 02

Insulation characteristics

Overvoltage category III

Degree of pollution 2

Electrical properties Rated voltage in acc. with IEC 61076-2-101 400 V

Rated voltage (III/3) 125 V

Rated surge voltage 1 kV

Rated current 5 A (at 20 °C)

Test voltage 1200 V

Transmission medium Copper

Connection data Connection method Solder cup

Dimensions Width 14.4 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 PBT

Mechanical properties Mechanical data

Insertion/withdrawal cycles  $\geq 50$

Insertion force per signal contact  $\leq 3.40$  N

Environmental and real-life conditions Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -55 °C ... 125 °C

Mounting Mounting type Hole

ETIM for 1688793 Connectors (EC000438)

Feature Name

Feature Value

Number of power contacts (EF012216)

0

Contact insert without contacts (EF007324)

Yes

Number of poles (EF001391)

9

Rated current  $I_n$  (EF008250)

5 A

Ambient temperature (EF002386)

125 °C

Operating temperature (EF002393)

-55 °C

Rated voltage (EF000228)

125 V

Rated surge voltage (EF002993)

1 kV

Over voltage category (EF006785)

III

With wire protection (EF000550)

No

Connectable conductor cross....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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