

VS-09-BU-DSUB-EG - D-SUB connector



1688803

<https://www.phoenixcontact.com/us/products/1688803>

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D-SUB contact insert, shell size 1, with nine signal contacts, type of contact socket, with solder cup, straight, fixing with a 3 mm hole, for panel mounting frame and sleeve housing VS-09-...



Your advantages

- Compatible with IP67 sleeve housing and panel-mount frame
- Easy assembly
- D-SUB 9 connection

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1688803 |
| Packing unit | 100 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB19 |
| Product key | ABNCAB |
| GTIN | 4017918822934 |
| Weight per piece (including packing) | 7.053 g |
| Weight per piece (excluding packing) | 6.09 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|---------------------|----------------|
| Product type | Contact insert |
| Type | D-SUB |
| Number of positions | 9 |
| Connection profile | D-SUB |
| Number of slots | 1 |
| Shielded | yes |

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 |
| Power transmission | Power |

Connection data

| | |
|-------------------|------------|
| Connection method | Solder cup |
|-------------------|------------|

Dimensions

| | |
|--------|----------|
| Width | 14.5 mm |
| Height | 31.19 mm |
| Length | 12.93 mm |

Material specifications

| | |
|----------------------------------------|--------------|
| Flammability rating according to UL 94 | V0 |
| Housing material | Metal |
| Housing surface material | metal-plated |
| Contact material | Copper alloy |
| Contact surface material | Gold |
| Contact carrier material | PBT-GF |

Mechanical properties

Mechanical data

| | |
|------------------------------------|----------|
| Insertion/withdrawal cycles | ≥ 50 |
| Insertion force per signal contact | ≤ 3.40 N |

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Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|-------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -55 °C ... 125 °C |

Mounting

| | |
|---------------|----------------|
| Mounting type | Screw mounting |
|---------------|----------------|

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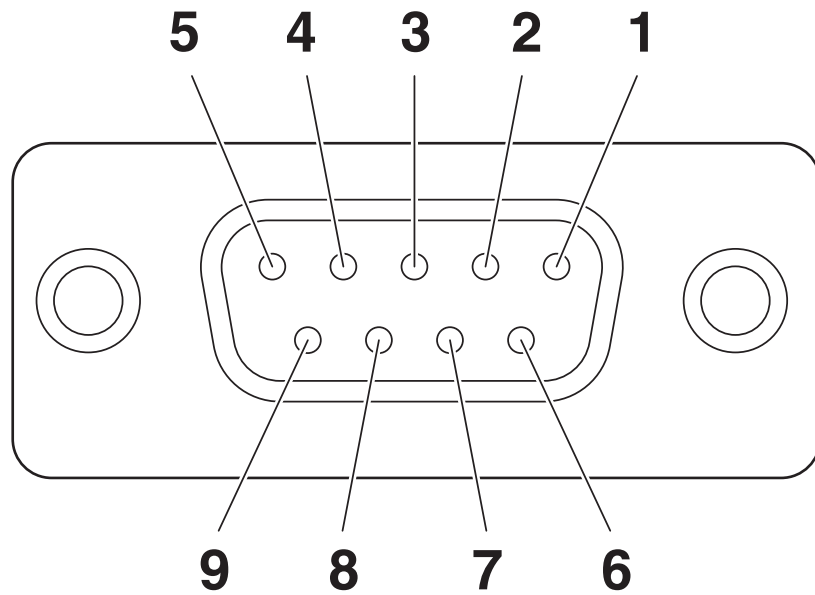


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Drawings

Schematic diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1688803>



UL Recognized

Approval ID: E118976

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440302 |
| ECLASS-15.0 | 27440323 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001132 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|-----------------------------------------|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | b5463eea-8d89-4a9a-9875-4167abe9b524 |

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