# VS-09-BU-DSUB/9-MPT-0,5 - D-SUB contact insert

1688395

https://www.phoenixcontact.com/us/products/1688395

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D-SUB contact insert, shell size 1, with 9 signal contacts, female type of contact, screw connection, straight, for panel mounting frame and sleeve housing with IP67 protection

## Your advantages

- Easy connection with screw terminal technology

## Commercial data

| | |
|---|---|
| Item number | 1688395 |
| Packing unit | 10 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB19 |
| Product key | ABNCAB |
| GTIN | 4017918817534 |
| Weight per piece (including packing) | 13.7 g |
| Weight per piece (excluding packing) | 13.98 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

# 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 | II |
| Degree of pollution | 2 |

## Electrical properties

| | |
|---|---|
| Rated voltage (III/3) | 60 V |
| Rated current | 5 A |
| Insulation resistance | ≥ 5000 MΩ |
| Contact resistance per contact pair | ≤ 2.5 mΩ |
| Transmission medium | Copper |
| Power transmission | Power |

## Connection data

| | |
|---|---|
| Connection method | Screw connection |

## Dimensions

| | |
|---|---|
| Width | 31 mm |
| Height | 12.6 mm |
| Length | 49 mm |

## Material specifications

| | |
|---|---|
| Housing material | Metal |
| Housing surface material | metal-plated |
| Contact surface material | Gold |

## Mechanical properties

### Mechanical data

| | |
|---|---|
| Insertion/withdrawal cycles | ≥ 200 |
| Insertion force per signal contact | ≤ 3.30 N |
| Extraction force per signal contact | ≤ 2.2 N |

## Environmental and real-life conditions

### Ambient conditions

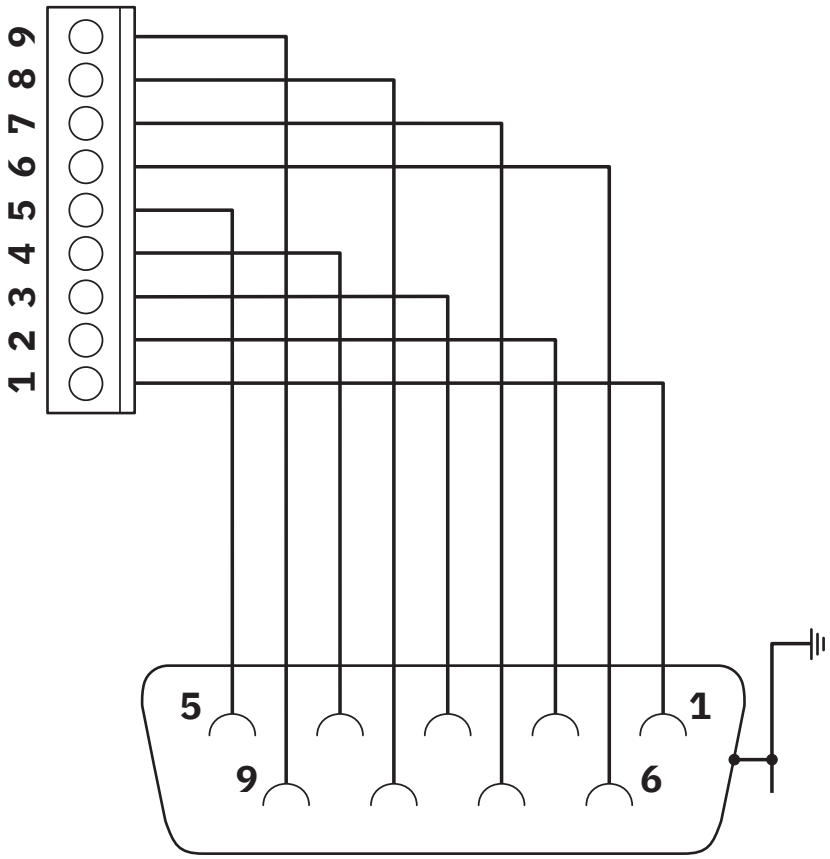
| | |
|---|---|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -20 °C ... 80 °C |

## Mounting

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

## Drawings

Circuit diagram




Circuit diagram

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

## 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 | 5a30f7cf-9ebd-464a-9e6c-0862b2a39edf |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 1.018 kg CO2e |

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