

# VS-09-BU-DSUB-FK - D-SUB contact insert



1688829

<https://www.phoenixcontact.com/us/products/1688829>

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

## Your advantages

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

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1688829       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB19          |
| Product key                          | ABNCAB        |
| GTIN                                 | 4017918822958 |
| Weight per piece (including packing) | 11.87 g       |
| Weight per piece (excluding packing) | 6.6 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 (III/3) | 125 V            |
| Rated surge voltage   | 1 kV             |
| Rated current         | 1.5 A (at 20 °C) |
| Test voltage          | 1000 V           |
| Transmission medium   | Copper           |
| Power transmission    | Power            |

### Connection data

|                   |                              |
|-------------------|------------------------------|
| Connection method | Flat-ribbon cable connection |
|-------------------|------------------------------|

### Dimensions

|        |          |
|--------|----------|
| Width  | 18.5 mm  |
| Height | 12.93 mm |
| Length | 31.19 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               | Polyester GF |

### Mechanical properties

#### Mechanical data

|                             |      |
|-----------------------------|------|
| Insertion/withdrawal cycles | ≥ 50 |
|-----------------------------|------|

### Environmental and real-life conditions

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## Ambient conditions

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

## Mounting

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

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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, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.667 kg CO2e |
|---------|---------------|

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