

# VS-09-ST-DSUB-CD-B - D-SUB contact support



1688858

<https://www.phoenixcontact.com/us/products/1688858>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

D-SUB contact carrier, shell size 1, for nine signal contacts, type of contact pin, for crimp contacts, straight, fixing with 3 mm hole, for panel mounting frame and sleeve housing VS-09-...



## Your advantages

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

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1688858       |
| Packing unit                         | 100 pc        |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB19          |
| Product key                          | ABNCAA        |
| GTIN                                 | 4017918822989 |
| Weight per piece (including packing) | 5.73 g        |
| Weight per piece (excluding packing) | 4.57 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 9        |
| Shielded            | no             |

### 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                               | 1500 V         |
| Transmission medium                        | Copper         |

### Connection data

|                   |                  |
|-------------------|------------------|
| Connection method | Crimp connection |
|-------------------|------------------|

### Dimensions

|        |          |
|--------|----------|
| Width  | 18 mm    |
| Height | 12.93 mm |
| Length | 31.2 mm  |

### Material specifications

|  |   |
|--|---|
| Flammability rating according to UL 94 | V0  |
| Housing material                       | Steel, tin-plated                               |
| Contact material                       | Copper alloy                                    |
| Contact carrier material               | Glass-fiber reinforced thermoplastics, UL 94 V0 |

### Mechanical properties

#### Mechanical data

|                                    |          |
|------------------------------------|----------|
| Insertion/withdrawal cycles        | ≥ 500    |
| Insertion force per signal contact | ≤ 3.40 N |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -55 °C ... 130 °C |
|---------------------------------|-------------------|

# VS-09-ST-DSUB-CD-B - D-SUB contact support



1688858

<https://www.phoenixcontact.com/us/products/1688858>

## Mounting

| Mounting type | Hole |
|---------------|------|
|---------------|------|

# VS-09-ST-DSUB-CD-B - D-SUB contact support



1688858

<https://www.phoenixcontact.com/us/products/1688858>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1688858>



**UL Recognized**  
Approval ID: E118976

1688858

<https://www.phoenixcontact.com/us/products/1688858>

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

1688858

<https://www.phoenixcontact.com/us/products/1688858>

## 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 | 0.127 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)