

# VS-25-BU-DSUB-CD-G - D-SUB contact support



1689941

<https://www.phoenixcontact.com/us/products/1689941>

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D-SUB contact carrier, shell size 3, for 25 signal contacts, type of contact socket, for crimp contacts, straight, fixing with M3 thread, for panel mounting frame VS-25-...



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1689941       |
| Packing unit                         | 50 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB19          |
| Product key                          | ABNCAB        |
| GTIN                                 | 4017918914349 |
| Weight per piece (including packing) | 12.558 g      |
| Weight per piece (excluding packing) | 12.558 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 | 25             |
| 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 current                              | 5 A (at 20 °C) |
| Test voltage                               | 1200 V         |
| Transmission medium                        | Copper         |

### Connection data

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

### Dimensions

|        |          |
|--------|----------|
| Width  | 18.1 mm  |
| Height | 12.93 mm |
| Length | 53.42 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               | 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

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## Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP20              |
| Ambient temperature (operation) | -55 °C ... 130 °C |

## Mounting

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

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1689941>



**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(a), 6(a)-I |

### 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                                | 78832de1-e881-4b7b-bfce-de4900ae908a |

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