

# VS-25-BU-DSUB-FK - D-SUB contact insert



1689925

<https://www.phoenixcontact.com/pc/products/1689925>

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D-SUB contact insert, shell size 3, with 25 signal contacts, type of contact socket, flat-ribbon cable connection, angled, fixing with a 3 mm hole, for panel mounting frame VS-25-...



## Your advantages

- D-SUB 25 connection
- Compatible with IP67 sleeve housing and panel-mount frame
- Easy assembly

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1689925             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Product key                          | ABNCAB              |
| Catalog page                         | Page 213 (C-2-2013) |
| GTIN                                 | 4017918914325       |
| Weight per piece (including packing) | 18.2 g              |
| Weight per piece (excluding packing) | 18.2 g              |
| Customs tariff number                | 85366990            |
| Country of origin                    | DE                  |

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## Technical data

### Product properties

|                     |               |
|---------------------|---------------|
| Product type        | Female insert |
| Type                | D-SUB         |
| Number of positions | 25            |
| Connection profile  | D-SUB         |
| Number of slots     | 1             |
| Type                | Socket        |
| Shielded            | yes           |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 03 |
|------------------|----|

### 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 technology

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

### Dimensions

|                     |          |
|---------------------|----------|
| Dimensional drawing |          |
| Width               | 18.5 mm  |
| Height              | 12.93 mm |
| Length              | 53.42 mm |

### Material specifications

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

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|                          |              |
|--------------------------|--------------|
| 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

### Ambient conditions

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

## Mounting

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

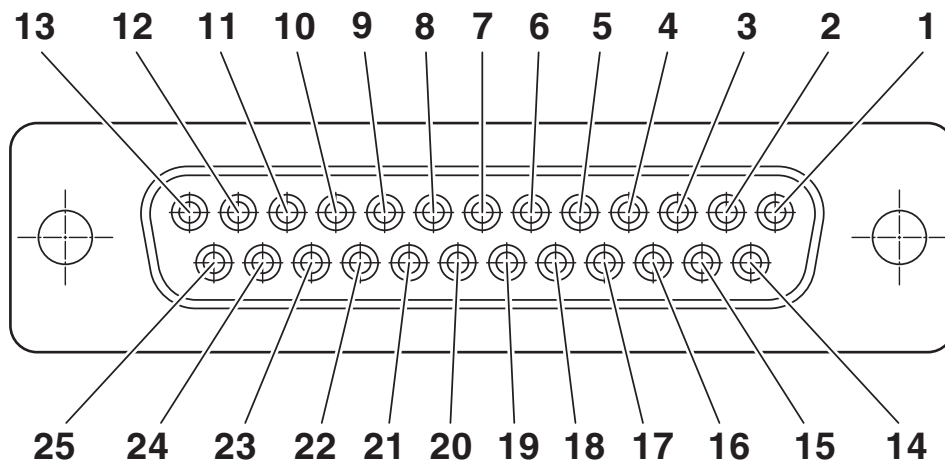
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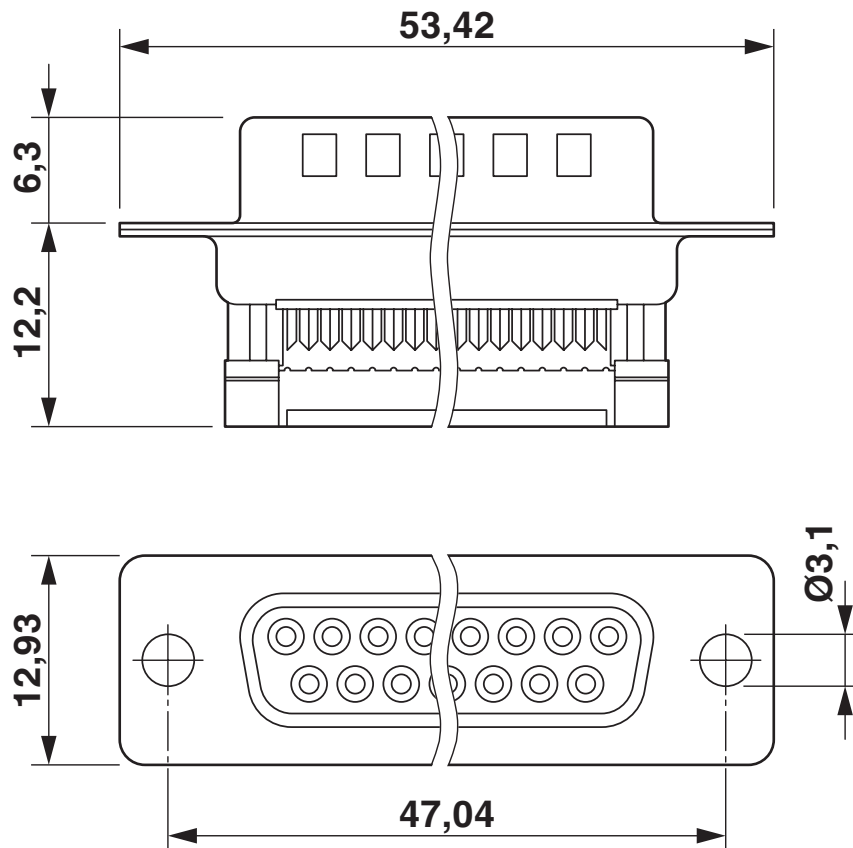
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## Drawings

Schematic diagram



Dimensional drawing



D-SUB contact insert

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440223 |
| ECLASS-12.0 | 27440223 |
| ECLASS-13.0 | 27440223 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC003557 |
|----------|----------|

### 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%               |

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## Accessories

### CUC-DST-GPME-S/DSSC25 - D-SUB sleeve housings

1419719

<https://www.phoenixcontact.com/pc/products/1419719>



D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: straight, housing size: 3, color: Bare metallic

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### CUC-DST-GPME-A/DSSC25 - D-SUB sleeve housings

1419721

<https://www.phoenixcontact.com/pc/products/1419721>



D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: angled, housing size: 3, color: Bare metallic

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## CUC-DST-GZNI-S/DSSC25 - D-SUB sleeve housings

1419727

<https://www.phoenixcontact.com/pc/products/1419727>



D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: straight, housing size: 3, color: Bare metallic

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## CUC-DST-GZNI-A/DSSC25 - D-SUB sleeve housings

1419728

<https://www.phoenixcontact.com/pc/products/1419728>



D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: angled, housing size: 3, color: Bare metallic

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## VS-25-A - Panel-mount frame

1689750

<https://www.phoenixcontact.com/pc/products/1689750>

D-SUB panel mounting frame, shell size 3, IP67 degree of protection



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## CUC-SCHRAUBE-5,5:360 - Screw

1421711

<https://www.phoenixcontact.com/pc/products/1421711>

Screw, design: Hexagonal, color: Bare metallic



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## VS-25-ST-DSUB-FK - D-SUB contact insert

1689912

<https://www.phoenixcontact.com/pc/products/1689912>

D-SUB contact insert, shell size 3, with 25 signal contacts, type of contact pin, flat-ribbon cable connection, angled, fixing with a 3 mm hole, for panel mounting frame VS-25-...



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