

# VS-15-ST-DSUB-FK - D-SUB contact insert



1688890

<https://www.phoenixcontact.com/pc/products/1688890>

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D-SUB contact insert, shell size 2, with 15 signal contacts, type of contact pin, flat-ribbon cable connection, angled, fixing with a 3 mm hole, for panel mounting frame VS-15-...

## Your advantages

- D-SUB 15 connection
- Compatible with IP67 sleeve housing and panel-mount frame
- Easy assembly

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1688890             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 1 pc                |
| Product key                          | ABNCAA              |
| Catalog page                         | Page 213 (C-2-2013) |
| GTIN                                 | 4017918823047       |
| Weight per piece (including packing) | 13.17 g             |
| Weight per piece (excluding packing) | 7.92 g              |
| Customs tariff number                | 85366990            |
| Country of origin                    | DE                  |

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## Technical data

### Product properties

|                     |             |
|---------------------|-------------|
| Product type        | Male insert |
| Type                | D-SUB       |
| Number of positions | 15          |
| Connection profile  | D-SUB 15    |
| Type                | Male        |
| Shielded            | no          |

### Data management status

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

### Insulation characteristics

|                      |     |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution  | 2   |

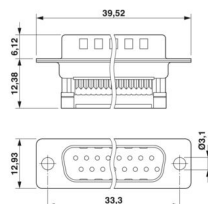
### Electrical properties

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

### Connection data

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

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 18.5 mm                                                                              |
| Height              | 12.93 mm                                                                             |
| Length              | 39.52 mm                                                                             |

### Material specifications

|                                        |                              |
|----------------------------------------|------------------------------|
| Flammability rating according to UL 94 | V0                           |
| Housing material                       | Steel, tin-plated            |
| Contact material                       | Copper alloy                 |
| Contact surface material               | Hard gold-plated over nickel |
| Contact carrier material               | Polyester GF                 |

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## Mechanical properties

### Mechanical data

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

## Environmental and real-life conditions

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -55 °C ... 125 °C |
|---------------------------------|-------------------|

## Mounting

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

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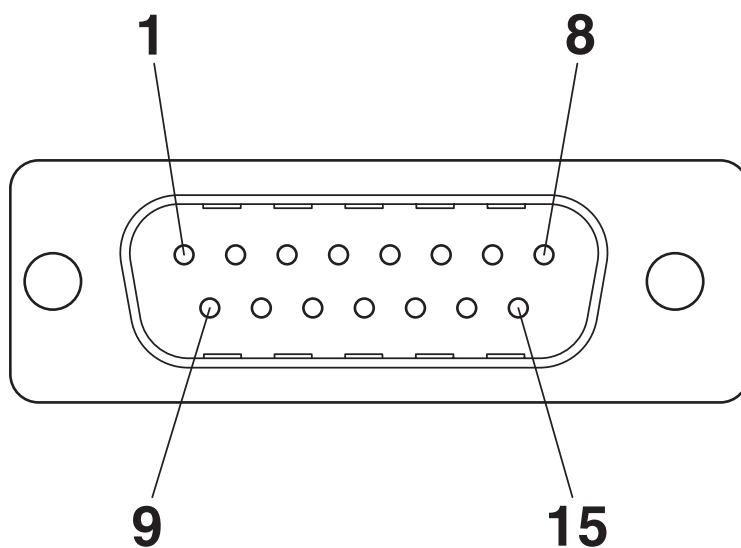
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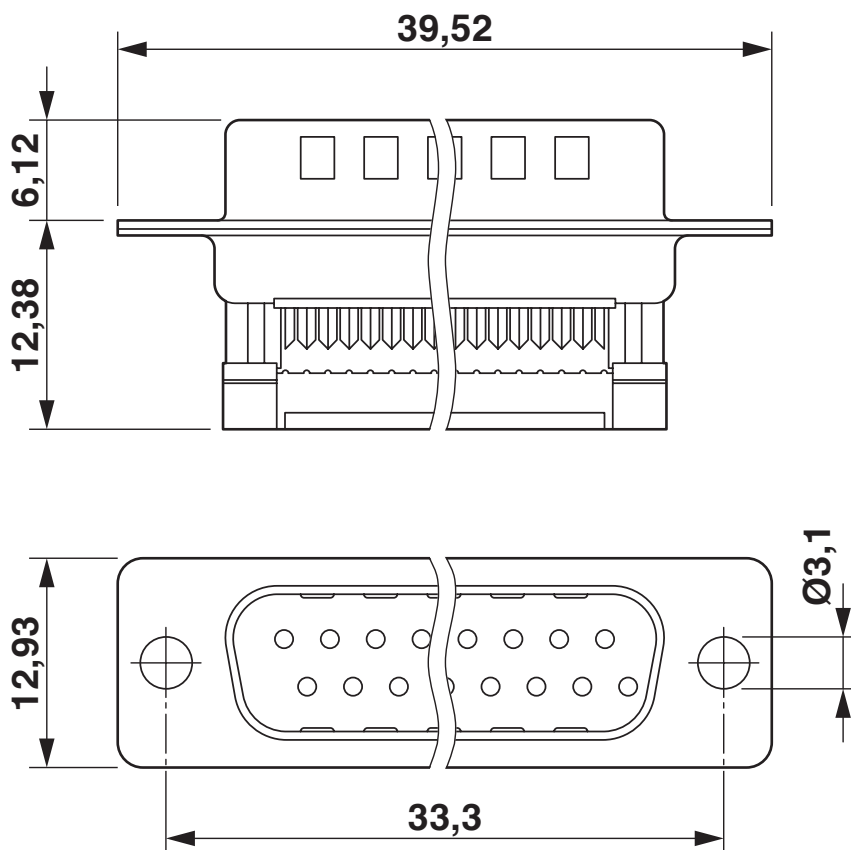


## Drawings

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/DSSC15 - D-SUB sleeve housings

1419710

<https://www.phoenixcontact.com/pc/products/1419710>



D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: straight, housing size: 2, color: Bare metallic

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### CUC-DST-GPME-A/DSSC15 - D-SUB sleeve housings

1419718

<https://www.phoenixcontact.com/pc/products/1419718>



D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: angled, housing size: 2, color: Bare metallic

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## CUC-DST-GZNI-S/DSSC15 - D-SUB sleeve housings

1419724

<https://www.phoenixcontact.com/pc/products/1419724>



D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: straight, housing size: 2, color: Bare metallic

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## CUC-DST-GZNI-A/DSSC15 - D-SUB sleeve housings

1419725

<https://www.phoenixcontact.com/pc/products/1419725>



D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: angled, housing size: 2, color: Bare metallic



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## VS-15-A - Panel-mount frame

1688036

<https://www.phoenixcontact.com/pc/products/1688036>

D-SUB panel mounting frame, shell size 2, 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-15-BU-DSUB-FK - D-SUB contact insert

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D-SUB contact insert, shell size 2, with 15 signal contacts, type of contact socket, flat-ribbon cable connection, angled, fixing with a 3 mm hole, for panel mounting frame VS-15-...

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