# VS-15-ST-DSUB/16-MPT-0,5 - D-SUB contact insert

1688078

https://www.phoenixcontact.com/us/products/1688078

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D-SUB contact insert, shell size 2, with 15 signal contacts, male type of contact, screw connection, straight, for panel mounting frame and sleeve housing with IP67 protection

## Your advantages

- Screw connection

## Commercial data

| | |
|---|---|
| Item number | 1688078 |
| Packing unit | 10 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB19 |
| Product key | ABNCAA |
| GTIN | 4017918179564 |
| Weight per piece (including packing) | 17.27 g |
| Weight per piece (excluding packing) | 15.1 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Contact insert |
| Application | Combination contact insert |
| Type | D-SUB |
| Number of positions | 15 |
| Connection profile | D-SUB 15 |
| Shielded | no |

### Insulation characteristics

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

## Electrical properties

| | |
|---|---|
| Rated voltage (III/3) | 60 V |
| Rated current | 5 A |
| Insulation resistance | ≥ 5000 MΩ |
| Contact resistance per contact pair | ≤ 2.5 mΩ |
| Transmission medium | Copper |

## Connection data

| | |
|---|---|
| Connection method | Screw connection |

## Dimensions

| | |
|---|---|
| Width | 39.3 mm |
| Height | 12.6 mm |
| Length | 48 mm |

## Material specifications

| | |
|---|---|
| Flammability rating according to UL 94 | V0 |
| Housing material | Steel |
| Housing surface material | tin-plated |
| Contact material | Copper alloy |
| Contact surface material | Au/Ni |

## Mechanical properties

### Mechanical data

| | |
|---|---|
| Insertion/withdrawal cycles | ≤ 200 |
| Insertion force per signal contact | ≤ 3.30 N |
| Extraction force per signal contact | ≤ 2.2 N |

## Environmental and real-life conditions

Ambient conditions

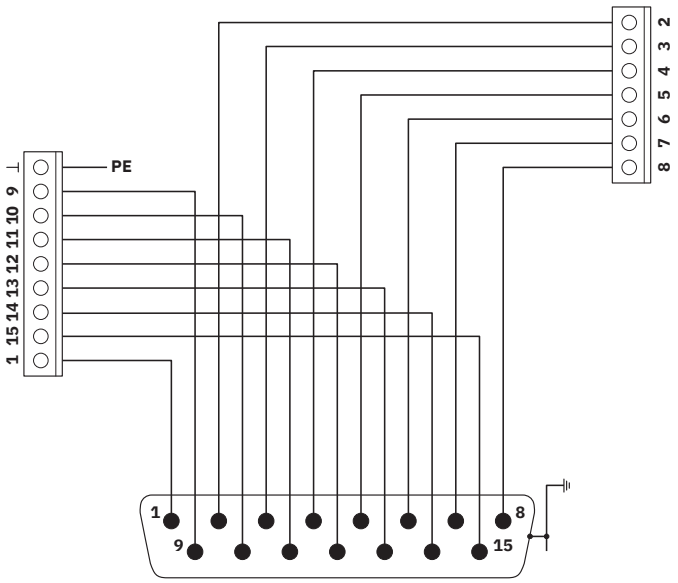
| | |
|---|---|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -20 °C ... 80 °C |

## Mounting

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

## Drawings

Circuit diagram




Circuit diagram

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

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 | 68c12945-45a9-433b-9009-2386a8d401bf |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 1.203 kg CO2e |

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