# VS-PSC 1,5/3-M - PCB header

1689310

https://www.phoenixcontact.com/us/products/1689310

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POWER-SUBCON header, for mounting side, shielded, color: green



## Commercial data

| | |
|---|---|
| Item number | 1689310 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB19 |
| Product key | ABNCAB |
| GTIN | 4017918883768 |
| Weight per piece (including packing) | 6.89 g |
| Weight per piece (excluding packing) | 5.469 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

## Technical data

### Notes

| | |
|---|---|
| Notes on operation | Only actuate MINI COMBICON connectors when under no load condition. If for operating reasons small loads must be switched, experimental values are available upon request. |

### Product properties

| | |
|---|---|
| Product type | Contact insert |
| Type | D-SUB |
| Number of positions | 3 |

Insulation characteristics

| | |
|---|---|
| Overvoltage category | III |
| Degree of pollution | 3 |

### Electrical properties

| | |
|---|---|
| Rated voltage (III/3) | 250 V |
| Rated surge voltage | 4 kV |
| Rated current | 8 A |
| Contact resistance | 3 mΩ |
| Insulation resistance | 1 TΩ |
| Transmission medium | Copper |

### Connection data

| | |
|---|---|
| Connection method | PCB connection |

### Dimensions

| | |
|---|---|
| Width | 30.8 mm |
| Height | 13.7 mm |
| Length | 20.8 mm |

### Material specifications

| | |
|---|---|
| Flammability rating according to UL 94 | V0 |
| Contact material | Copper alloy |
| Contact surface material | tin-plated |
| Contact carrier material | PA |

### Mechanical properties

Mechanical data

| | |
|---|---|
| Insertion/withdrawal cycles | ≥ 100 |

### Environmental and real-life conditions

Ambient conditions

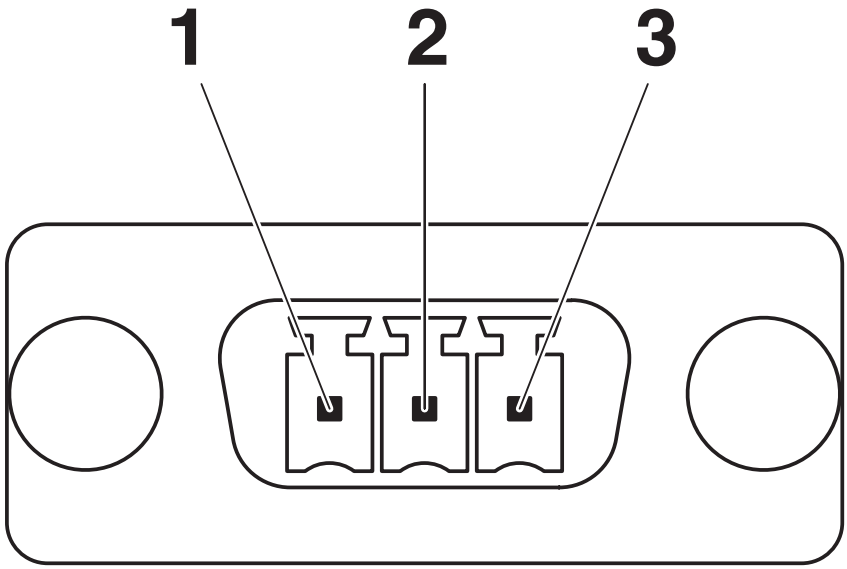
| | |
|---|---|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -20 °C ... 80 °C |

## Mounting

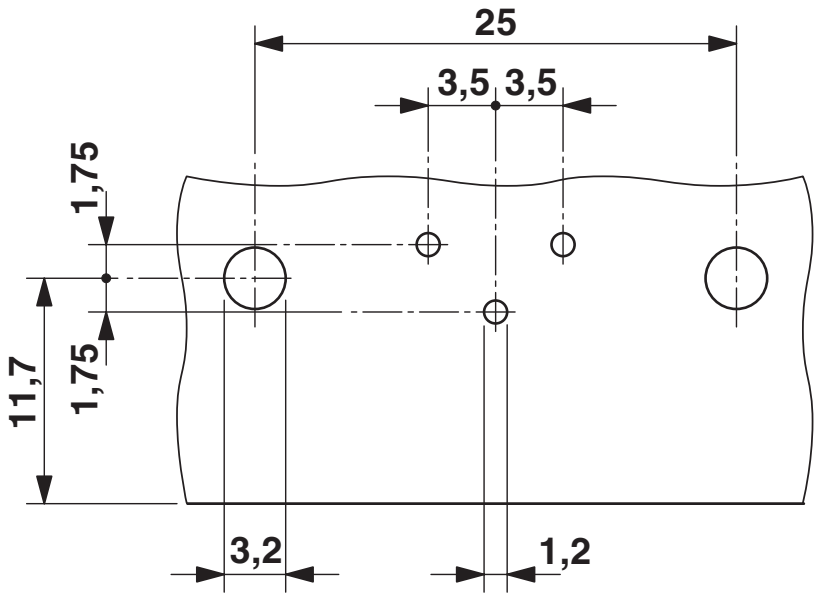
| | |
|---|---|
| Mounting type | Threads |

## Drawings

Schematic diagram




Drilling plan/solder pad geometry




Drilling 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, 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 | 0.055 kg CO2e |


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