# VFC-PT/D9SUB/F - Termination board

1278826

https://www.phoenixcontact.com/us/products/1278826

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VARIOFACE Front Connect, 1:1 D-SUB termination board with Push-in front connections and D-SUB female strip, number of positions: 9, overall width: 19 mm



## Your advantages

- Fast, clear, and error-free wiring, thanks to Push-in terminal blocks with front connection technology
- Up to 60 % less space required in the control cabinet compared to conventional solutions due to the innovative design with an installation width of 19 mm
- Plug and Play connection to the remote IO and field level with the comprehensive system cabling range from Phoenix Contact
- Optimum support for your distributed I/O devices, thanks to high flexibility and the slim design
- Optically and haptically compatible with modern remote IO systems

## Commercial data

| | |
|---|---|
| Item number | 1278826 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C422 |
| Product key | DK2172 |
| GTIN | 4063151476236 |
| Weight per piece (including packing) | 69.2 g |
| Weight per piece (excluding packing) | 87.9 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Interface module |
| Product family | VARIOFACE Front Connect |

Insulation characteristics: Air clearances and creepage distances

| | |
|---|---|
| Insulation | Functional insulation |
| Overvoltage category | II |
| Pollution degree | 2 |

## Electrical properties

| | |
|---|---|
| Operating voltage (AC) | ≤ 30 V AC |
| Operating voltage (DC) | ≤ 60 V DC |
| Current (per branch) | ≤ 2 A |

Air clearances and creepage distances

| | |
|---|---|
| Rated insulation voltage | 63 V |
| Rated surge voltage | 0.8 kV (1.2/50 µs) |

## Connection data

Controller level

| | |
|---|---|
| Connection in acc. with standard | IEC 60807-2 |
| | DIN 41652 |
| Connection method | D-SUB socket strip |
| Number of connections | 1 |
| Number of positions | 9 |

Field level

| | |
|---|---|
| Connection method | Push-in connection |
| Stripping length | 10 mm |
| Number of positions | 12 |
| Conductor cross-section rigid | 0.2 mm² ... 1.5 mm² |
| Conductor cross-section flexible | 0.2 mm² ... 2.5 mm² |
| | 0.25 mm² ... 1.5 mm² (Ferrule without plastic sleeve) |
| | 0.25 mm² ... 1.5 mm² (Ferrule with plastic sleeve) |
| Conductor cross-section AWG | 24 ... 16 |

## Dimensions

Item dimensions

| | |
|---|---|
| Width | 18.9 mm |
| Height | 127.2 mm |
| Depth | 46.85 mm |

## Material specifications

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

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP20 |
| Degree of protection (Installation location) | IP54 (Installation location) |
| Ambient temperature (operation) | -40 °C ... 70 °C (≤ 2000 m) |
| | -40 °C ... 63 °C (2001 m - 3000 m) |
| Altitude | ≤ 3000 m |

## Approvals

UL, USA/Canada

| | |
|---|---|
| Identification | UL 61010-2-201 |

CSA, USA/Canada

| | |
|---|---|
| Identification | CSA C22.2 NO. 61010-2-201 |

## Standards and regulations

Air clearances and creepage distances

| | |
|---|---|
| Standards/regulations | DIN EN 60664-1 |

## Mounting

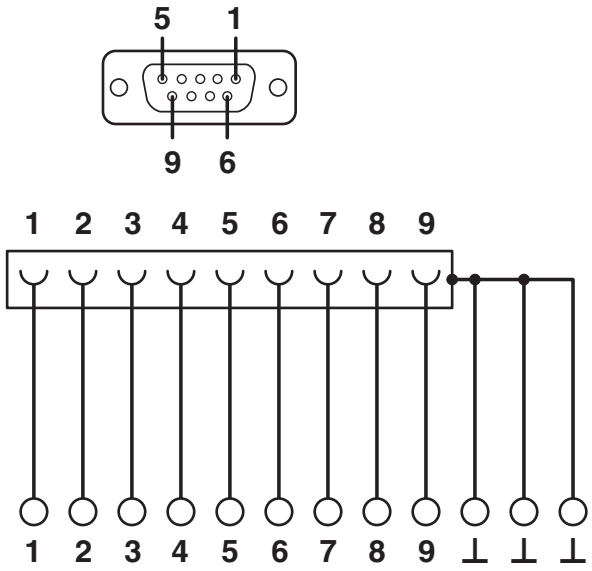
| | |
|---|---|
| Mounting type | DIN rail mounting |
| Mounting position | any |

## Notes

| | |
|---|---|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |

## Drawings

Circuit diagram



## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1278826

**UL Listed**
Approval ID: E238705

**cUL Listed**
Approval ID: E238705

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27141152 |
| ECLASS-15.0 | 27141152 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002780 |

### 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% |

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