# VIP-PA-50/26/ 2,0M/1756/020 - Front adapter

1162441

https://www.phoenixcontact.com/us/products/1162441

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



VIP VARIOFACE front adapter, with connected system cables for ControlLogix® 1756 I/O. Up to 1 x 16 channels can be connected.

## Your advantages

- Individual I/O modules lock to the controller for connection security
- Integrated lever aids in removal from I/O card
- Marking label can be attached

## Commercial data

| | |
|---|---|
| Item number | 1162441 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C423 |
| Product key | DK232R |
| GTIN | 4063151172831 |
| Weight per piece (excluding packing) | 550 g |
| Customs tariff number | 85444290 |
| Country of origin | DE |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Front adapter |
| Product family | VARIOFACE Professional |

### Insulation characteristics

| | |
|---|---|
| Overvoltage category | II |
| Pollution degree | 2 |

## Electrical properties

| | |
|---|---|
| Operating voltage (AC) | ≤ 25 V AC |
| Operating voltage (DC) | ≤ 60 V DC |
| Current (Per path) | ≤ 1 A |

### Supported controller: ALLEN-BRADLEY ControlLogix

| | |
|---|---|
| Suitable I/O card | 1756-IB16D |
| | 1756-IB16I |
| | 1756-OB16I |
| | 1756-IB16IF |
| | 1756-IB16ISOE |
| | 1756-OB16IEF |
| | 1756-OB16IEFS |
| | 1756-OB16IS |

## Connection data

### Controller level

| | |
|---|---|
| Connection method | Plug-in connection |
| Note | Can be plugged onto 36-pos. I/O modules |

### Field level

| | |
|---|---|
| Connection method | IDC/FLK socket strip |
| Number of connections | 1 |
| Number of positions | 50 |
| Pitch | 2.54 mm |

## Dimensions

### Item dimensions

| | |
|---|---|
| Width | 350.48 mm |
| Height | 68.07 mm |
| Depth | 56.35 mm |

### Cable

| | |
|---|---|
| Length | 2 m |

## Cable/line

50X0.14 [PVC]

| | |
|---|---|
| UL AWM Style | 2464/1061 |
| Number of positions | 50 |
| Shielded | no |
| Cable type | 50X0.14 [PVC] |
| Conductor type | Round cable set |
| Conductor structure signal line | 7x 0.16 mm |
| AWG signal line | 26 |
| Conductor cross-section | 50x 0.14 mm² |
| Wire diameter incl. insulation | 1 mm ±0.03 mm |
| External cable diameter | 10.30 mm ±0.4 mm |
| Outer sheath, material | Semi-rigid PVC |
| External sheath, color | gray |
| Conductor material | Tin-plated Cu litz wires |
| Cable resistance | ≤ 145 Ω/km (20 °C) |
| Insulation resistance | ≥ 20 MΩ*km (20 °C) |
| Smallest bending radius, fixed installation | 86 mm |
| Smallest bending radius, movable installation | 161 mm |
| Dynamic load capacity (bending) | Max. bending cycles: 5000 (at a radius of ≥ 15x outside diameter) |
| Halogen-free | no |
| Flame resistance | IEC 60332-1-2 (raw cable) |
| | VDE 0842, Part 332-1-2 (raw cable) |
| | IEC 60332-3-22 (raw cable) |
| | UL VW-1 |
| | CSA FT-1 |
| Resistance to oil | can withstand occasional splashes (raw cable) |
| Cable type | Front adapter with cable for one module |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP20 |
| Ambient temperature (operation) | 0 °C ... 60 °C |
| Ambient temperature (storage/transport) | 0 °C ... 80 °C |
| Altitude | ≤ 2000 m (Above sea level) |
| Permissible humidity (operation) | ≤ 95 % (non-condensing) |

## Standards and regulations

| | |
|---|---|
| Standards/regulations | UL 61010-2-201 |

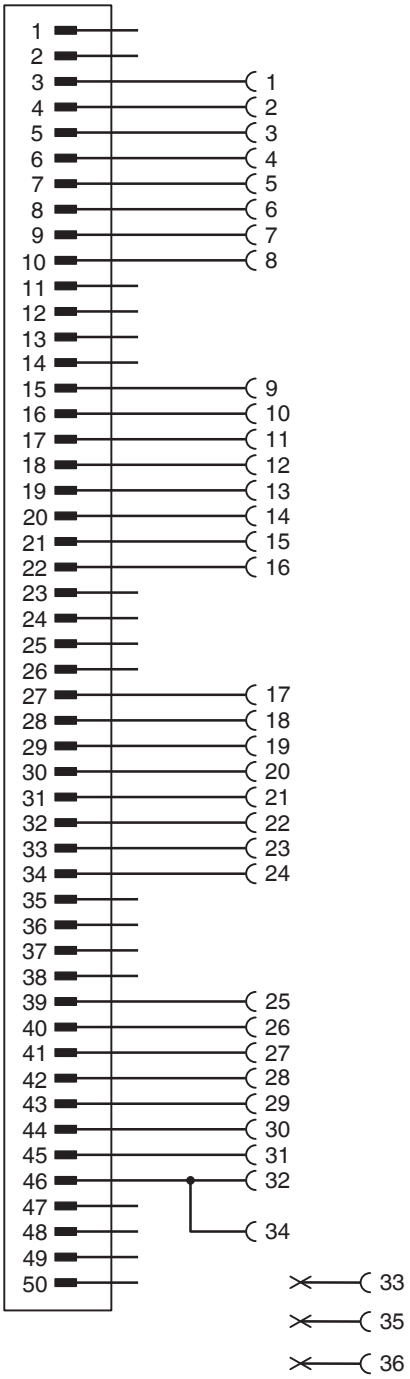
## Notes

| | |
|---|---|
| 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/1162441

**UL classified**
Approval ID: E238705

**cUL Classified**
Approval ID: E238705

**cUL Recognized**
Approval ID: E196811

**UL Recognized**
Approval ID: E196811

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27242292 |
| ECLASS-15.0 | 27242292 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002584 |

## 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 | 84f0843d-3839-446f-8c9b-95958c8fd541 |

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com