

# VIP-PA-2X14/26/ 4,0M/1756/063 - Front adapter



1162605

<https://www.phoenixcontact.com/us/products/1162605>

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VIP VARIOFACE front adapter, with connected system cables for ControlLogix® 1756 I/O. Up to 2 x 8 channels can be connected.

## Your advantages

- Individual I/O modules lock to the controller for connection security
- Disconnect lever aids in removal from I/O card
- Marking label can be attached
- Pluggable screw terminals on adapter for power connection

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1162605       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | C423          |
| Product key                          | CK2311        |
| GTIN                                 | 4063151172664 |
| Weight per piece (excluding packing) | 700 g         |
| Customs tariff number                | 85444290      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

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

### Electrical properties

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Max. permissible operating voltage | 120 V AC                            |
| Max. permissible current           | 1 A (per path)                      |
|                                    | 8 A (per group, positive terminals) |
|                                    | 8 A (per group, negative terminals) |

Supported controller ALLEN-BRADLEY ControlLogix

|                   |            |
|-------------------|------------|
| Suitable I/O card | 1756-OA16  |
|                   | 1756-OB16E |

### Connection data

#### Controller level

|                   |   |
|-------------------|---|
| Connection method | Plug-in connection                      |
| Note              | Can be plugged onto 20-pos. I/O modules |

#### Field level

|                                  |                      |
|----------------------------------|----------------------|
| Connection in acc. with standard | IEC 60603-13         |
| Connection method                | IDC/FLK socket strip |
| Number of connections            | 2                    |
| Number of positions              | 14                   |
| Pitch                            | 2.54 mm              |

#### Supply

|                                  |  |
|----------------------------------|--|
| Connection method                | Push-in / plug connection                    |
| Stripping length                 | 9 mm   |
| Conductor cross section rigid    | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 26 ... 16                                    |

### Dimensions

#### Item dimensions

|        |            |
|--------|------------|
| Width  | 344.822 mm |
| Height | 47.352 mm  |
| Depth  | 56.345 mm  |

#### Cable

|        |     |
|--------|-----|
| Length | 4 m |
|--------|-----|

### Cable/line

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## 14X0.14 [PVC]

|   |  |
|---|--|
| UL AWM Style                                  | 2464/1061  |
| Number of positions                           | 14   |
| Shielded                                      | no   |
| Cable type                                    | 14X0.14 [PVC]  |
| Conductor type                                | Round cable set  |
| Conductor structure signal line               | 7x 0.16 mm   |
| AWG signal line                               | 26   |
| Conductor cross section                       | 14x 0.14 mm <sup>2</sup>   |
| Wire diameter incl. insulation                | 1 mm ±0.03 mm  |
| External cable diameter                       | 6.40 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   | 55 mm  |
| Smallest bending radius, movable installation | 104 mm   |
| Max. bending cycles                           | 5000 (at a radius of ≥ 15x outside diameter)   |
| Halogen-free                                  | no   |
| Flame resistance                              | IEC 60332-1-2 (raw cable)<br>VDE 0842, Part 332-1-2 (raw cable)<br>IEC 60332-3-22 (raw cable)<br>UL VW-1<br>CSA FT-1 |
| Resistance to oil                             | can withstand occasional splashes (raw cable)  |
| Cable type                                    | Front adapter with splitting cable for two modules   |

## 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

|         |  |
|---------|--|
| General | 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 |
|---------|--|

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be met.

# VIP-PA-2X14/26/ 4,0M/1756/063 - Front adapter

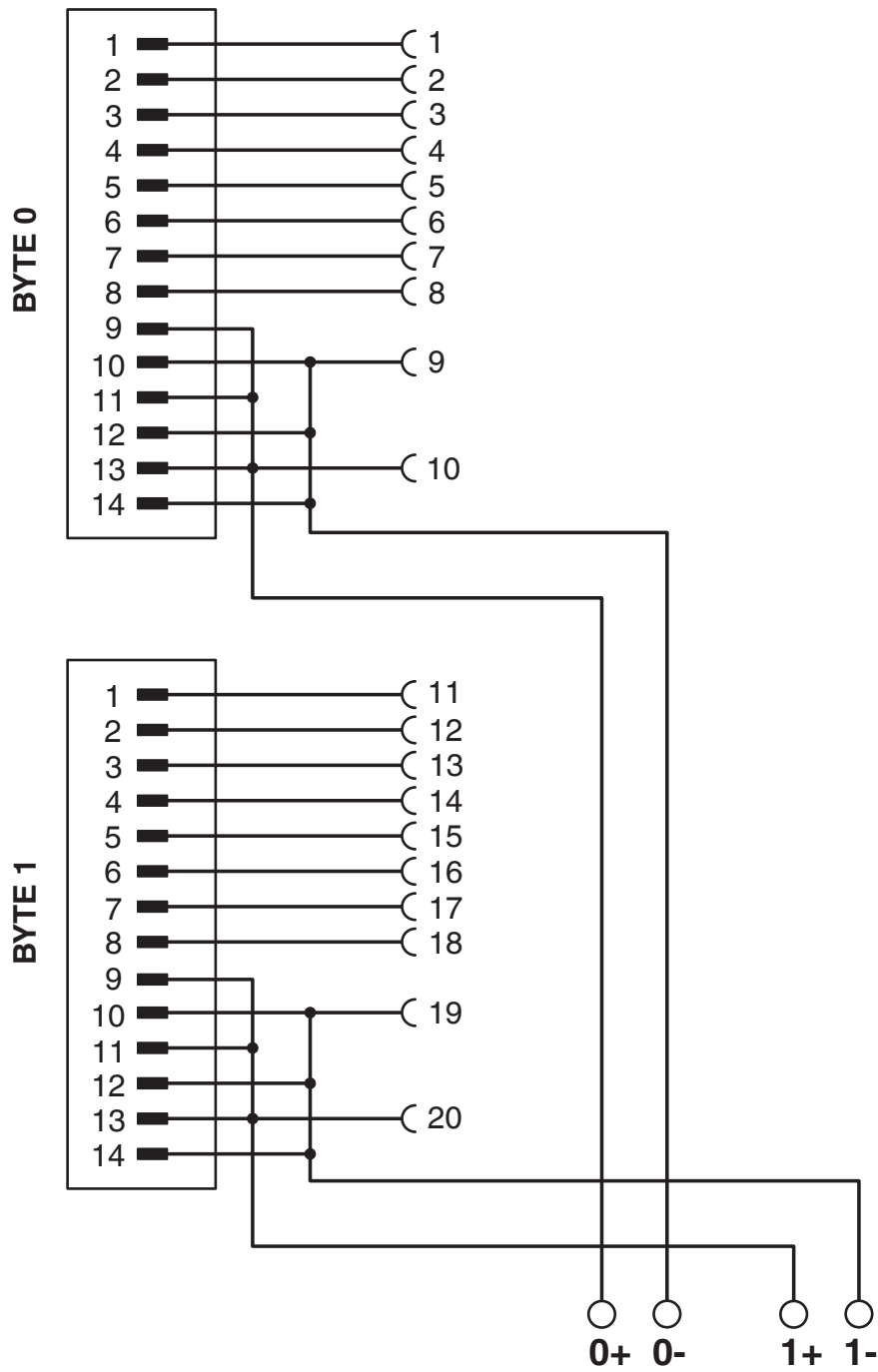


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## Drawings

Circuit diagram



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<https://www.phoenixcontact.com/us/products/1162605>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1162605>



**UL Classified**

Approval ID: E238705



**cUL Classified**

Approval ID: E238705



**cUL Recognized**

Approval ID: E196811



**UL Recognized**

Approval ID: E196811

**cULus Classified**

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27242292 |
| ECLASS-12.0 | 27242292 |
| ECLASS-13.0 | 27242292 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002584 |
|----------|----------|

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## 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) |
|-------------------------------------|----------------------|



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## Accessories

### VIP-2/SC/FLK14/PLC - Passive module

2315214

<https://www.phoenixcontact.com/us/products/2315214>

VARIOFACE interface module for 8 channels



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### VIP-2/PT/FLK14/PLC - Passive module

2903801

<https://www.phoenixcontact.com/us/products/2903801>

VARIOFACE interface module, with push-in connection for 8 channels



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## VIP-2/SC/FLK14/LED/PLC - Passive module

2322249

<https://www.phoenixcontact.com/us/products/2322249>



VARIOFACE interface module, with LED, for 8 channels

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## VIP-2/PT/FLK14/LED/PLC - Passive module

2904279

<https://www.phoenixcontact.com/us/products/2904279>



VARIOFACE interface module, with push-in connection and light indicator, for 8 channels

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## VIP-2/SC/FLK14/8M/PLC - Passive module

2322281

<https://www.phoenixcontact.com/us/products/2322281>



VARIOFACE interface module, for 8 channels, each with an additional terminal block per signal for a common minus potential

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## VIP-2/PT/FLK14/8M/PLC - Passive module

2904283

<https://www.phoenixcontact.com/us/products/2904283>



VARIOFACE interface module, with push-in connection, for 8 channels, each with an additional terminal block per signal for a common minus potential

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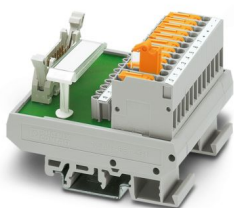
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## FLKM 14/KDS3-MT/PPA/PLC - Passive module

2290423

<https://www.phoenixcontact.com/us/products/2290423>



VARIOFACE interface module, for 8 channels with knife disconnect terminal blocks and test sockets to the peripherals and the system

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## PLC-V8/FLK14/OUT - System connection

2295554

<https://www.phoenixcontact.com/us/products/2295554>



V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of output cards, connection 1: IDC/FLK pin strip 1x 14-position, connection 2: Plug-in connection (Can be snapped onto 8x PLC-INTERFACE terminals), connection 3: Screw connection 1x 2-position, number of channels: 8, control logic: plusschaltend

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## PLC-V8L/FLK14/OUT - System connection

2299660

<https://www.phoenixcontact.com/us/products/2299660>



V8 adapter for 8 x PLC-INTERFACE (14 mm), controller: PLC system cabling of output cards, connection 1: IDC/FLK pin strip 1x 14-position, connection 2: Plug-in connection (Can be snapped onto 8x PLC-INTERFACE terminals), connection 3: Screw connection 1x 2-position, number of channels: 8, control logic: plusschaltend

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## RIF-1-V8/PT/FLK14/OUT - System connection

2905195

<https://www.phoenixcontact.com/us/products/2905195>



V8 adapter for 8 x RIF-1 relay base, controller: PLC system cabling of output cards, connection 1: Push-in connection 4x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug-in connection, number of channels: 8, control logic: plusschaltend

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## KME - Cable marker carrier

0807083

<https://www.phoenixcontact.com/us/products/0807083>



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable ties, cable diameter: > 5 mm, lettering field size: 20 x 8 mm

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## SF-SL 1,0X5,5-150 - Screwdriver

1212552

<https://www.phoenixcontact.com/us/products/1212552>



Screwdriver, bladed (lasered), size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip

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## ZBF10:UNBEDRUCKT - Zack Marker strip, flat

0809997

<https://www.phoenixcontact.com/us/products/0809997>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snapped, for terminal block width: 10 mm, lettering field size: 5.15 x 10 mm, Number of individual labels: 10

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