

VIP-PA-4X14/26/ 2,0M/1756/041 - Front adapter



1162507

<https://www.phoenixcontact.com/us/products/1162507>

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VIP VARIOFACE front adapter, with connected system cables for ControlLogix® 1756 I/O. Up to 4 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 | 1162507 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C423 |
| Product key | DK232R |
| GTIN | 4063151172633 |
| Weight per piece (including packing) | 722 g |
| Weight per piece (excluding packing) | 716 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 |

Insulation characteristics

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

Electrical properties

| | |
|---|-----------|
| Operating voltage (DC) | ≤ 60 V DC |
| Current (Per path) | ≤ 1 A |
| Current (per group, positive terminals) | ≤ 8 A |
| Current (per group, negative terminals) | ≤ 8 A |

Supported controller: ALLEN-BRADLEY ControlLogix

| | |
|-------------------|------------|
| Suitable I/O card | 1756-OB32 |
| | 1756-OV32E |

Connection data

Controller level

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

Field level

| | |
|----------------------------------|----------------------|
| Connection in acc. with standard | IEC 60603-13 |
| Connection method | IDC/FLK socket strip |
| Number of connections | 4 |
| 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 ² ... 1.5 mm ² |
| Conductor cross-section flexible | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross-section AWG | 26 ... 16 |

Dimensions

Item dimensions

| | |
|--------|------------|
| Width | 344.975 mm |
| Height | 47.352 mm |
| Depth | 56.345 mm |

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Cable

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

Cable/line

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 ² |
| 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 |
| 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 splitting cable for four 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 |
|-----------------------|----------------|

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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.

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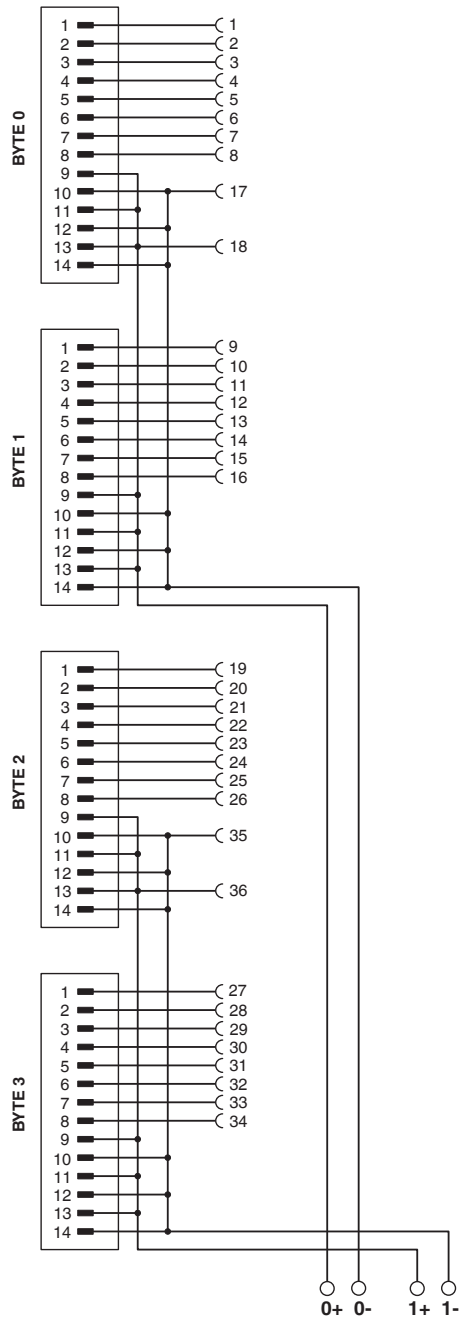


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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1162507>



UL classified

Approval ID: E238705



cUL Classified

Approval ID: E238705



cUL Recognized

Approval ID: E196811



UL Recognized

Approval ID: E196811

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Classifications

ECLASS

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

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | 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) |
| SCIP | d8f7ccf5-e788-4520-a7a4-6b2d39e155a5 |

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