

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



1162603

<https://www.phoenixcontact.com/in/products/1162603>

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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	1162603
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	DK232R
GTIN	4063151172190
Weight per piece (excluding packing)	440 g
Country of origin	DE

## 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	2 m
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### 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
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 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
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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
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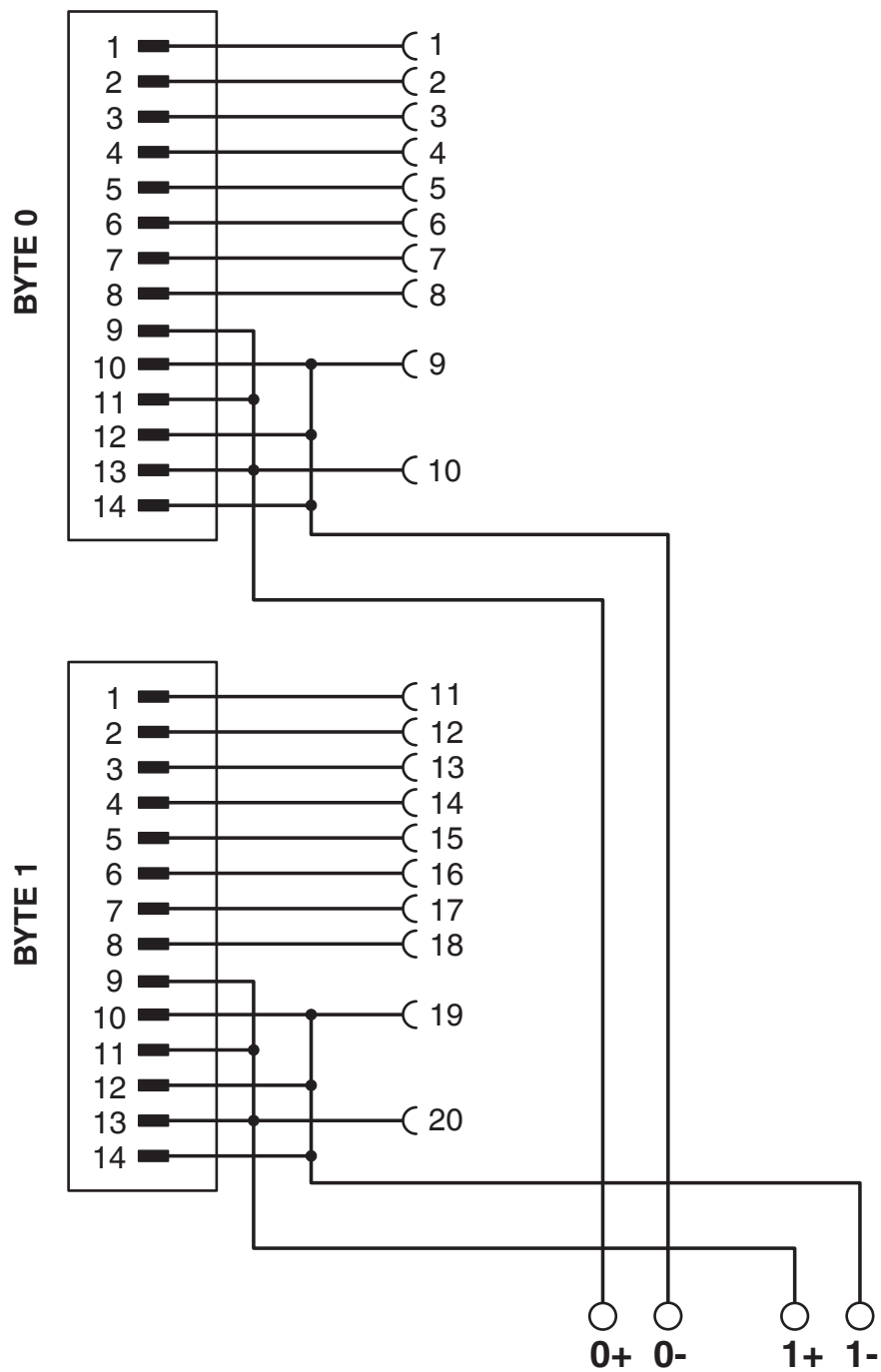
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instructions of the respective third-party manufacturer must also be met.

## Drawings

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1162603>



**UL classified**  
Approval ID: E238705



**cUL Classified**  
Approval ID: E238705



**cUL Recognized**  
Approval ID: E196811



**UL Recognized**  
Approval ID: E196811

**cULus Classified**

**cULus Recognized**

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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)
SCIP	b47eef94-f2b0-4102-84f9-1a6694163d58



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## Accessories

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

2315214

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

VARIOFACE interface module for 8 channels



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

2903801

<https://www.phoenixcontact.com/in/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/in/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/in/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/in/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/in/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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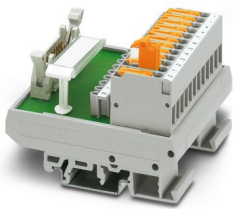
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## FLKM 14/KDS3-MT/PPA/PLC - Passive module

2290423

<https://www.phoenixcontact.com/in/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/in/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: positive switching

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

2299660

<https://www.phoenixcontact.com/in/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: positive switching

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

2905195

<https://www.phoenixcontact.com/in/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: positive switching

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## KME - Cable marker carrier

0807083

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



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable ties, cable diameter: > 5 mm, text field height: 8 mm, text field width: 20 mm

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

1212552

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



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

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