

VIP-PA-2X14/26/ 4,0M/1756/064 - Front adapter



1162418

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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
- Disconnect lever aids in removal from I/O card
- Marking label can be attached
- Pluggable push in terminals on adapter for returns connections
- Shield connection: UL Type AWM, Style 1007 18 AWG (0.82 mm²) cable, black, 0.5 m length

Commercial data

Item number	1162418
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	DK232R
GTIN	4063151172824
Weight per piece (excluding packing)	780 g
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

Max. permissible operating voltage	60 V DC
Max. permissible current	1 A (per path)
	6 A (total, RTN terminals)

Supported controller ALLEN-BRADLEY ControlLogix

Suitable I/O card	1756-OF8
	1756-OF8H

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

Return

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	355.98 mm
Height	47.28 mm
Depth	57.55 mm

Cable

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Length	4 m
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Cable/line

14X0.14 [PVC]

Number of positions	14
Shielded	yes
Cable type	14X0.14 [PVC]
Conductor type	Assembled shielded round cable
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	6.70 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	71 mm
Smallest bending radius, movable installation	128 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)	0 % ... 95 % (non-condensing)

Approvals

UL data

Altitude	≤ 2000 m
Ambient temperature (operation)	0 °C ... 60 °C

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Max. permissible relative humidity (operation)
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≤ 95 %

Standards and regulations

Standards/regulations

UL 61010-2-201

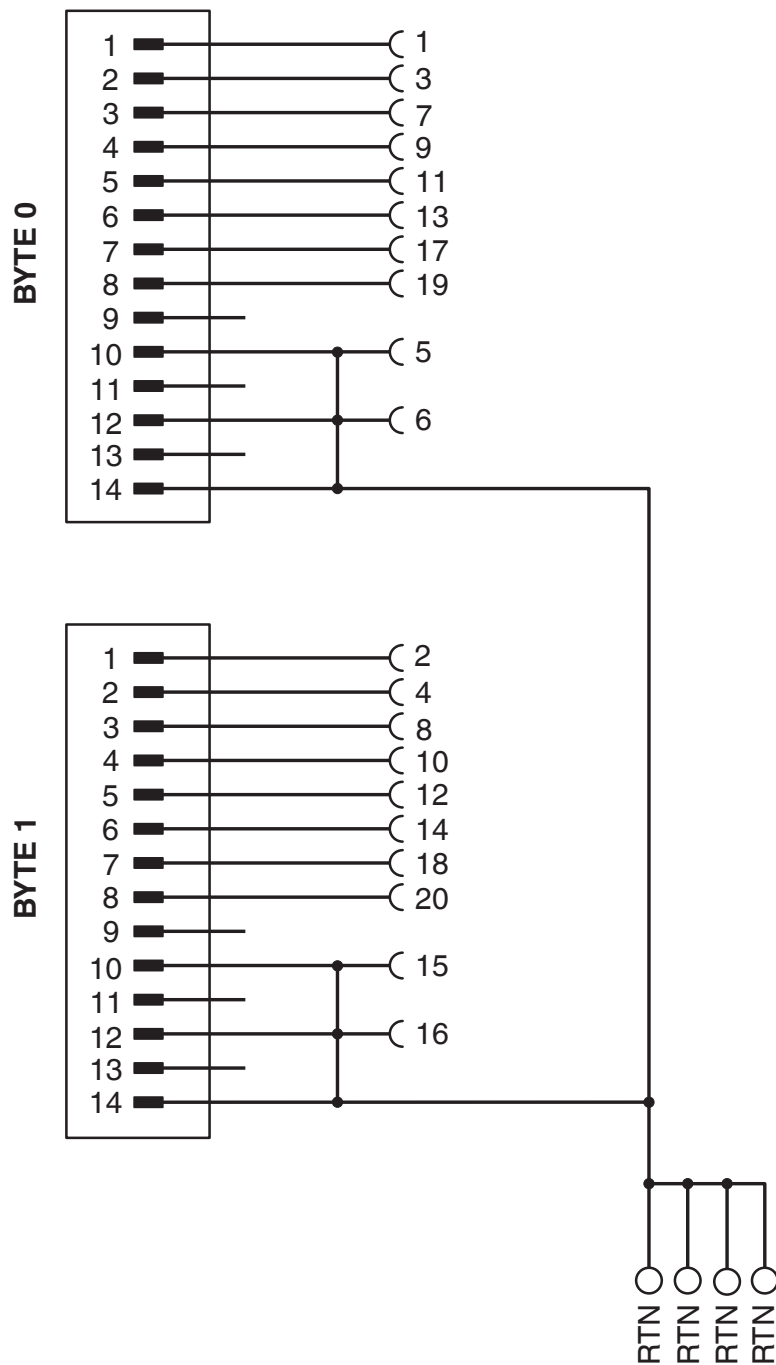
Notes

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.
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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1162418>



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	9051f591-3739-4610-8e12-3d9ee8d8f743

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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



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/FLK14/8M/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

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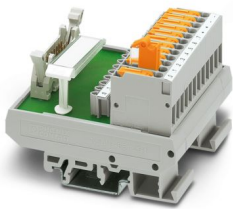
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FLKM 14/KDS3-MT/PPA/PLC - Passive module

2290423

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

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

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

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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