VIP-PA-2X14/26/ 4,0M/1756/060 - Front adapter

1162557

https://www.phoenixcontact.com/us/products/1162557

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 2 x 4 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	1162557
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C423
Product key	CK232R
GTIN	4063151172497
Weight per piece (excluding packing)	696 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

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

Supported controller ALLEN-BRADLEY ControlLogix

Suitable I/O card	1756-OA8

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 mm² ... 1.5 mm²
Conductor cross section flexible	0.14 mm² ... 1.5 mm²
Conductor cross section AWG	26 ... 16

Dimensions

Item dimensions

Width	342.822 mm
Height	47.352 mm
Depth	56.345 mm

Cable

Length	4 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 mm²
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)
	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

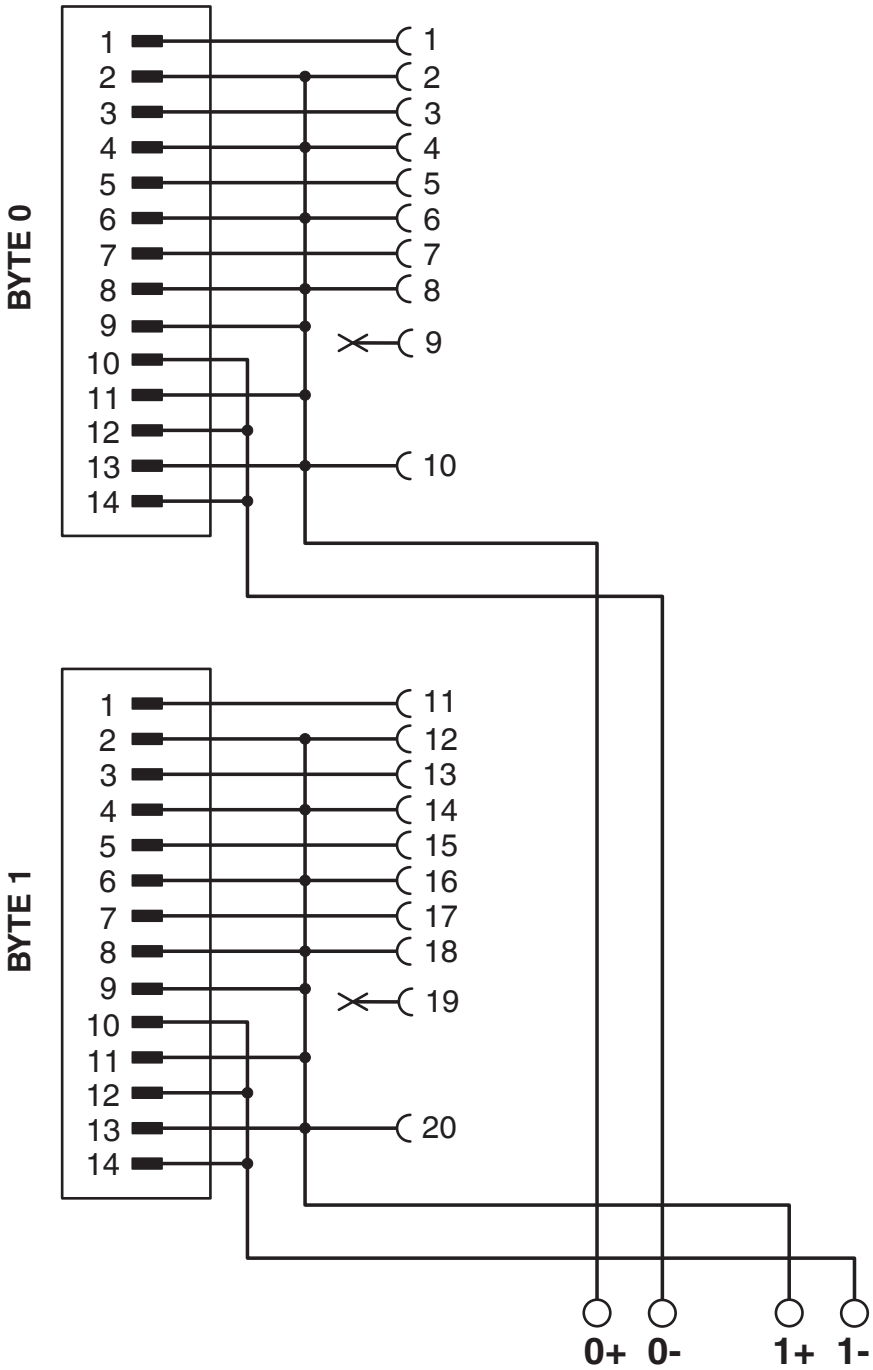
Standards/regulations	UL 61010-2-201

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/1162557

UL Classified
Approval ID: E238705

cUL Classified
Approval ID: E238705

cUL Recognized
Approval ID: E196811

UL Recognized
Approval ID: E196811

cULus Classified

cULus Recognized

Classifications

ECLASS

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

ETIM

ETIM 9.0	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)

Accessories

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

2315214

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



VARIOFACE interface module for 8 channels

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

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

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

2904283

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

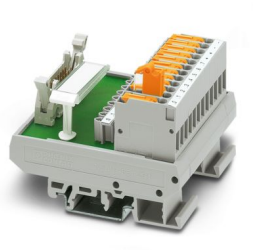


VARIOFACE interface module, with push-in connection, for 8 channels, each with an additional terminal block per signal for a common minus potential

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

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

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

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

Phoenix Contact 2024 © - 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