

VIP-PA-50/26/ 1,0M/1756/022 - Front adapter



1162454

<https://www.phoenixcontact.com/us/products/1162454>

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 1 x 16 channels can be connected.

Your advantages

- Individual I/O modules lock to the controller for connection security
- Integrated lever aids in removal from I/O card
- Marking label can be attached
- Pluggable screw terminals on adapter for returns
- Shield connection: UL Type AWM, Style 1007 18 AWG (0.82 mm²) cable, black, 0.5 m length

Commercial data

Item number	1162454
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C423
Product key	DK232R
GTIN	4063151172244
Weight per piece (excluding packing)	406 g
Customs tariff number	85444290
Country of origin	DE

1162454

<https://www.phoenixcontact.com/us/products/1162454>

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)
	8 A (using commoned "RTN" terminals)

Supported controller ALLEN-BRADLEY ControlLogix

Suitable I/O card	1756-IF16
	1756-IF16H
	1756-IF8

Connection data

Controller level

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

Field level

Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	50
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	344.98 mm
Height	68.07 mm
Depth	56.35 mm

Cable

VIP-PA-50/26/ 1,0M/1756/022 - Front adapter



1162454

<https://www.phoenixcontact.com/us/products/1162454>

Length	1 m
--------	-----

Cable/line

50X0.14 [PVC]

UL AWM Style	2464/1061
Number of positions	50
Shielded	yes
Cable type	50X0.14 [PVC]
Conductor type	Assembled shielded round cable
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	50x 0.14 mm ²
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	11.00 mm ±0.3 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Cable resistance	≤ 145 Ω/km (at 20 °C)
Insulation resistance	≥ 20 MΩ*km (20 °C)
Smallest bending radius, fixed installation	114 mm
Smallest bending radius, movable installation	205 mm
Dynamic load capacity (bending)	Max. bending cycles: 5000 (at a radius of ≥ 18x 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 cable for one module

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)

Standards and regulations

Standards/regulations	UL 61010-2-201
-----------------------	----------------

Notes

VIP-PA-50/26/ 1,0M/1756/022 - Front adapter



1162454

<https://www.phoenixcontact.com/us/products/1162454>

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.

VIP-PA-50/26/ 1,0M/1756/022 - Front adapter

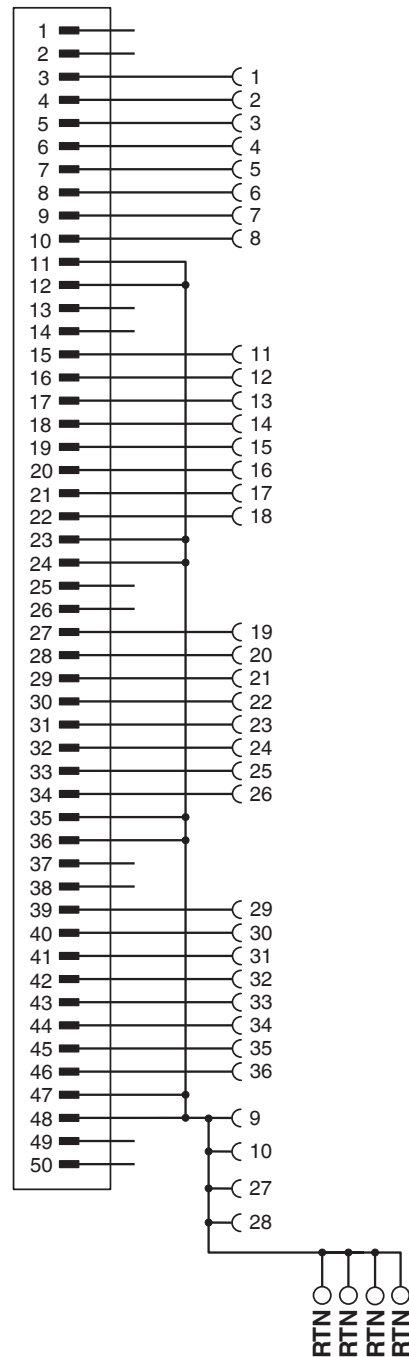


1162454

<https://www.phoenixcontact.com/us/products/1162454>

Drawings

Circuit diagram



1162454

<https://www.phoenixcontact.com/us/products/1162454>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1162454>



UL classified

Approval ID: E238705



cUL Classified

Approval ID: E238705



cUL Recognized

Approval ID: E196811



UL Recognized

Approval ID: E196811

1162454

<https://www.phoenixcontact.com/us/products/1162454>

Classifications

ECLASS

ECLASS-13.0	27242292
ECLASS-15.0	27242292

ETIM

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

1162454

<https://www.phoenixcontact.com/us/products/1162454>

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	9447814f-242b-4b65-a399-3e01cefb27db

Phoenix Contact 2025 © - 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