VIP-PA-PWR/36XOE/ 6,0M/1756 - Front adapter

2908862

https://www.phoenixcontact.com/us/products/2908862

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VIP VARIOFACE front adapter, with assembled shielded round cable for ControlLogix® 1756 I/O, 1 x 36 single wires 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
- 1:1 connection
- Open end at one end
- Individual wire marking: 1, 2, 3, 4, etc.
- Individual wires fitted with ferrules
- Shield connection: UL Type AWM, Style 1007 18 AWG (0.82 mm²) cable, black, 0.5 m length

Commercial data

Item number	2908862
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C423
Product key	CK232R
GTIN	4063151468408
Weight per piece (including packing)	3,042 g
Weight per piece (excluding packing)	3,042 g
Customs tariff number	85444290
Country of origin	US

Technical data

Product properties

Product type	Front adapter

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

Max. permissible operating voltage	250 V AC/DC
Max. permissible current	3 A (per single wire at 60°C)
	4 A (per single wire at 40°C)

Supported controller ALLEN-BRADLEY ControlLogix

Suitable I/O card	1756-IB16D
	1756-IB16I
	1756-IB32
	1756-IF16
	1756-IF8
	1756-IF8I
	1756-IRT8I
	1756-OB16D
	1756-OB16I
	1756-OB32
	1756-HSC
	1756-IA16I
	1756-IA32
	1756-IB16IF
	1756-IB16ISOE
	1756-IF16H
	1756-IF4FXOF2F
	1756-IF8H
	1756-IF8IH
	1756-IH16I
	1756-IH16ISOE
	1756-IM16I
	1756-IR12
	1756-IT16
	1756-IV32
	1756-LSC8XIB8I
	1756-OA16I
	1756-OB16IEF
	1756-OB16IEFS

	1756-OB16IS
	1756-OB8EI
	1756-OF8I
	1756-OF8IH
	1756-OH8I
	1756-OV32E
	1756-OW16I
	1756-OX8I

Connection data

Controller level

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

Field level

Connection method	Single wires
Number of connections	36
Number of positions	1
Note	The wires are marked and fitted with ferrules

Dimensions

Cable

Length	6 m

Cable/line

Number of positions	36
Shielded	yes
Conductor type	Assembled shielded round cable
AWG signal line	18
Conductor cross section	36x 0.82 mm²
Wire diameter incl. insulation	1.7 mm ±0.0254
External cable diameter	15.88 mm ±0.3 mm
Outer sheath, material	PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Cable resistance	≤ 40 Ω/km (20 °C)
Insulation resistance	≥ 20 MΩ*km (20 °C)
Smallest bending radius, fixed installation	109.5 mm
Smallest bending radius, movable installation	156.2 mm
Halogen-free	no
Flame resistance	UL VW-1
	CSA FT-1

1X1.0 [PVC]

Cable type	1X1.0 [PVC]
ControlLogix® plug (1)	() = black
ControlLogix® plug (2)	() = brown
ControlLogix® plug (3)	() = red
ControlLogix® plug (4)	() = orange
ControlLogix® plug (5)	() = yellow
ControlLogix® plug (6)	() = green
ControlLogix® plug (7)	() = blue
ControlLogix® plug (8)	() = violet
ControlLogix® plug (9)	() = gray
ControlLogix® plug (10)	() = white
ControlLogix® plug (11)	() = white-black
ControlLogix® plug (12)	() = white-brown
ControlLogix® plug (13)	() = white-red
ControlLogix® plug (14)	() = white-orange
ControlLogix® plug (15)	() = white-yellow
ControlLogix® plug (16)	() = white-green
ControlLogix® plug (17)	() = white-blue
ControlLogix® plug (18)	() = white-violet
ControlLogix® plug (19)	() = white-gray
ControlLogix® plug (20)	() = brown-black
ControlLogix® plug (21)	() = brown-red
ControlLogix® plug (22)	() = brown-orange
ControlLogix® plug (23)	() = brown-yellow
ControlLogix® plug (24)	() = brown-green
ControlLogix® plug (25)	() = brown-blue
ControlLogix® plug (26)	() = brown-violet
ControlLogix® plug (27)	() = brown-gray
ControlLogix® plug (28)	() = brown-white
ControlLogix® plug (29)	() = green-black
ControlLogix® plug (30)	() = green-brown
ControlLogix® plug (31)	() = green-red
ControlLogix® plug (32)	() = green-orange
ControlLogix® plug (33)	() = green-blue
ControlLogix® plug (34)	() = green-violet
ControlLogix® plug (35)	() = green-gray
ControlLogix® plug (36)	() = green-white
Cable type	Front adapter with cable and 36 open cable ends

Environmental and real-life conditions

Ambient conditions

Degree of protection (IP20)	IP20
Ambient temperature (operation)	0 °C ... 60 °C

Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	< 2000 m

Approvals

UL data

Max. permissible relative humidity (operation)	< 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.

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2908862

UL Classified
Approval ID: FILE E238705

cUL Classified
Approval ID: FILE E238705

cUL Recognized
Approval ID: FILE E196811

UL Recognized
Approval ID: FILE E196811

cULus Classified

cULus Recognized

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002584

UNSPSC

UNSPSC 21.0	32151600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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.)	No substance above 0.1 wt%

Accessories

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

UT 2,5 - Feed-through terminal block

3044076

https://www.phoenixcontact.com/us/products/3044076



Feed-through terminal block, nom. voltage: 1000 V, nominal current: 24 A, number of connections: 2, connection method: Screw connection, Rated cross section: 2.5 mm^2, cross section: 0.14 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

PT 1,5/S - Feed-through terminal block

3208100

https://www.phoenixcontact.com/us/products/3208100



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 2, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm^2, cross section: 0.14 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

PT 2,5 - Feed-through terminal block

3209510

https://www.phoenixcontact.com/us/products/3209510

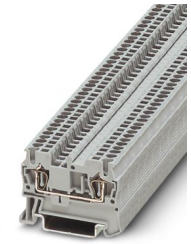


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 2, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm^2, cross section: 0.14 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

ST 1,5 - Feed-through terminal block

3031076

https://www.phoenixcontact.com/us/products/3031076



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 2, connection method: Spring-cage connection, 1 level, Rated cross section: 1.5 mm^2, cross section: 0.08 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

ST 2,5 - Feed-through terminal block

3031212

https://www.phoenixcontact.com/us/products/3031212

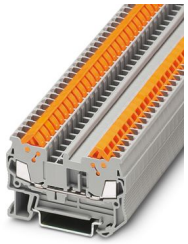


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 2, connection method: Spring-cage connection, Rated cross section: 2.5 mm^2, cross section: 0.08 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

QTC 1,5 - Feed-through terminal block

3205019

https://www.phoenixcontact.com/us/products/3205019



Feed-through terminal block, nom. voltage: 800 V, nominal current: 17.5 A, number of connections: 2, connection method: Quick connection, 1 level, Rated cross section: 1.5 mm^2, cross section: 0.25 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

QTC 2,5 - Feed-through terminal block

3206416

https://www.phoenixcontact.com/us/products/3206416

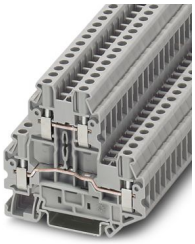


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 2, connection method: Quick connection, 1 level, Rated cross section: 2.5 mm^2, cross section: 0.5 mm^2 - 2.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

UTTB 2,5 - Double-level terminal block

3044636

https://www.phoenixcontact.com/us/products/3044636

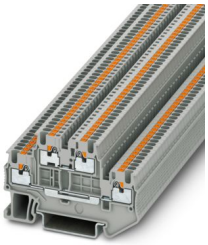


Double-level terminal block, nom. voltage: 500 V, nominal current: 24 A, connection method: Screw connection, Rated cross section: 2.5 mm^2, cross section: 0.14 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

PTTB 1,5/S - Double-level terminal block

3208511

https://www.phoenixcontact.com/us/products/3208511

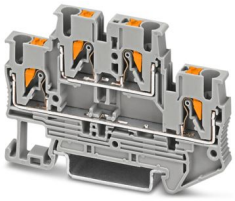


Double-level terminal block, nom. voltage: 500 V, nominal current: 16 A, connection method: Push-in connection, 1st and 2nd level, Rated cross section: 1.5 mm^2, cross section: 0.14 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

PTTB 2,5 - Double-level terminal block

3210567

https://www.phoenixcontact.com/us/products/3210567

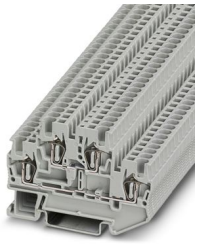


Double-level terminal block, nom. voltage: 500 V, nominal current: 22 A, connection method: Push-in connection, 1st and 2nd level, Rated cross section: 2.5 mm^2, cross section: 0.14 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

STTB 1,5 - Double-level spring-cage terminal block

3031157

https://www.phoenixcontact.com/us/products/3031157



Double-level spring-cage terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Spring-cage connection, 1st and 2nd level, Rated cross section: 1.5 mm^2, cross section: 0.08 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

STTB 2,5 - Double-level spring-cage terminal block

3031270

https://www.phoenixcontact.com/us/products/3031270



Double-level spring-cage terminal block, nom. voltage: 500 V, nominal current: 22 A, connection method: Spring-cage connection, Rated cross section: 2.5 mm^2, cross section: 0.08 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

QTTCB 1,5 - Double-level terminal block

3205116

https://www.phoenixcontact.com/us/products/3205116



Double-level terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Quick connection, 1st and 2nd level, Rated cross section: 1.5 mm^2, cross section: 0.25 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

UT 2,5-TWIN - Feed-through terminal block

3044513

https://www.phoenixcontact.com/us/products/3044513



Feed-through terminal block, nom. voltage: 500 V, nominal current: 24 A, number of connections: 3, connection method: Screw connection, 1 level, Rated cross section: 2.5 mm^2, cross section: 0.14 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

PT 1,5/S-TWIN - Feed-through terminal block

3208155

https://www.phoenixcontact.com/us/products/3208155

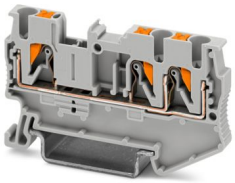


Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 3, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm^2, cross section: 0.14 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

PT 2,5-TWIN - Feed-through terminal block

3209549

https://www.phoenixcontact.com/us/products/3209549

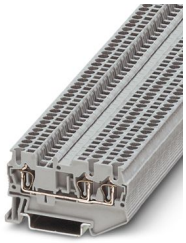


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 3, connection method: Push-in connection, Rated cross section: 2.5 mm^2, cross section: 0.14 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

ST 1,5-TWIN - Feed-through terminal block

3031128

https://www.phoenixcontact.com/us/products/3031128

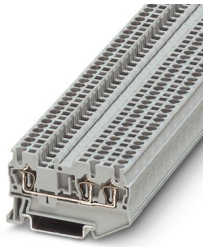


Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 3, connection method: Spring-cage connection, Rated cross section: 1.5 mm^2, cross section: 0.08 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

ST 2,5-TWIN - Feed-through terminal block

3031241

https://www.phoenixcontact.com/us/products/3031241



Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 3, connection method: Spring-cage connection, Rated cross section: 2.5 mm^2, cross section: 0.08 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

QTC 1,5-TWIN - Feed-through terminal block

3205048

https://www.phoenixcontact.com/us/products/3205048

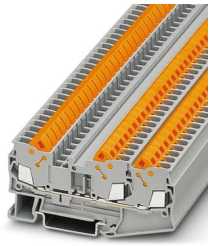


Feed-through terminal block, nom. voltage: 800 V, nominal current: 17.5 A, number of connections: 3, connection method: Quick connection, 1 level, Rated cross section: 1.5 mm^2, cross section: 0.25 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/7,5, color: gray

QTC 2,5-TWIN - Feed-through terminal block

3206445

https://www.phoenixcontact.com/us/products/3206445



Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 3, connection method: Quick connection, 1 level, Rated cross section: 2.5 mm^2, cross section: 0.5 mm^2 - 2.5 mm^2, mounting type: NS 35/7,5, NS 35/7,5, color: gray

UT 2,5-MT - Knife-disconnect terminal block

3046362

https://www.phoenixcontact.com/us/products/3046362

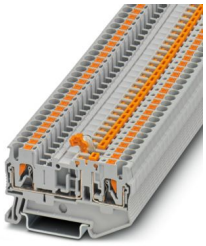


Knife-disconnect terminal block, nom. voltage: 400 V, nominal current: 20 A, Thermal continuous current I_{th}: 20 A, connection method: Screw connection, Rated cross section: 2.5 mm^2, cross section: 0.14 mm^2 - 4 mm^2, mounting: NS 35/7,5, NS 35/15, color: gray

PT 2,5-MT - Knife-disconnect terminal block

3210156

https://www.phoenixcontact.com/us/products/3210156



Knife-disconnect terminal block, nom. voltage: 400 V, nominal current: 20 A, connection method: Push-in connection, Rated cross section: 2.5 mm^2, cross section: 0.14 mm^2 - 4 mm^2, mounting: NS 35/7,5, NS 35/15, color: gray

ST 2,5-MT - Knife-disconnect terminal block

3036343

https://www.phoenixcontact.com/us/products/3036343



Knife-disconnect terminal block, nom. voltage: 400 V, nominal current: 20 A, 1 level, connection method: Spring-cage connection, Rated cross section: 2.5 mm^2, cross section: 0.08 mm^2 - 4 mm^2, mounting: NS 35/7,5, NS 35/15, color: gray

QTC 1,5-MT - Knife-disconnect terminal block

3205103

https://www.phoenixcontact.com/us/products/3205103

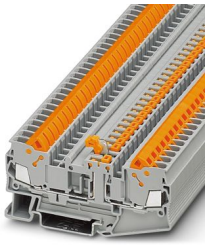


Knife-disconnect terminal block, nom. voltage: 400 V, nominal current: 17.5 A, 1 level, connection method: Quick connection, Rated cross section: 1.5 mm^2, cross section: 0.25 mm^2 - 1.5 mm^2, mounting: NS 35/7,5, NS 35/15, color: gray

QTC 2,5-MT - Knife-disconnect terminal block

3206487

https://www.phoenixcontact.com/us/products/3206487



Knife-disconnect terminal block, nom. voltage: 400 V, nominal current: 20 A, 1 level, connection method: Quick connection, Rated cross section: 2.5 mm^2, cross section: 0.5 mm^2 - 2.5 mm^2, mounting: NS 35/7,5, NS 35/15, color: gray

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

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