VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

PHŒNIX
CONTACT

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 power cabling, universal front adapter with assembled shielded round cable for connection to all popular 20-pos. ControlLogix® 1756 I/O modules. 1 x 20 single wires (each ferruled and marked) can be connected (field connection, e.g., via 20 terminal blocks).

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	2908863
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C423
Product key	CK2311
GTIN	4063151533366
Weight per piece (including packing)	409 g
Weight per piece (excluding packing)	409 g
Customs tariff number	85444290
Country of origin	US

VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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-IA16
	1756-IB16
	1756-OA16
	1756-OA8
	1756-OB16E
	1756-OB8
	1756-OF4
	1756-OF8
	1756-CFM
	1756-IA8D
	1756-IC16
	1756-IG16
	1756-IN16
	1756-IV16
	1756-OA8D
	1756-OA8E
	1756-OC8
	1756-OF8H
	1756-OG16
	1756-ON8
	1756-OV16E
	1756-PLS

Connection data

Controller level

Connection method	Plug-in connection
Note	Can be plugged onto 20-pos. I/O modules

Field level

Connection method	Single wires
Number of connections	20
Number of positions	1
Note	The wires are marked and fitted with ferrules

Dimensions

Cable

Length	1 m

Cable/line

Number of positions	20
Shielded	yes
Conductor type	Assembled shielded round cable
AWG signal line	18
Conductor cross section	20x 0.82 mm²
Wire diameter incl. insulation	1.7 mm ±0.0254
External cable diameter	12.75 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	87.4 mm
Smallest bending radius, movable installation	125 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)	() =
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 ()	() = white-green
	() = white-blue
ControlLogix® plug (18)	() = white-violet
ControlLogix® plug (19)	() = white-gray
ControlLogix® plug (20)	() = brown-black
Cable type	Front adapter with cable and 20 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

General	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/2908863

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

VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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%

VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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
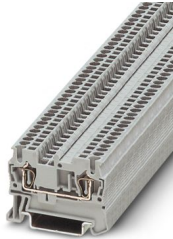
VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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

VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

ST 1,5 - Feed-through terminal block

3031076

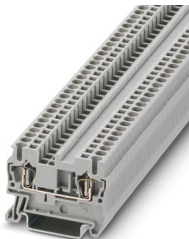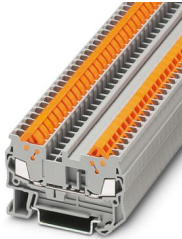https://www.phoenixcontact.com/us/products/3031076

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

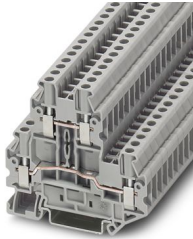# VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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

VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

UTTB 2,5 - Double-level terminal block

3044636

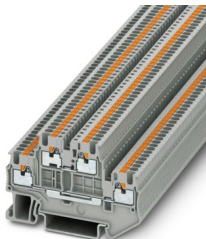https://www.phoenixcontact.com/us/products/3044636

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

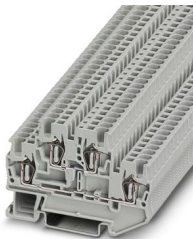https://www.phoenixcontact.com/us/products/3208511

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
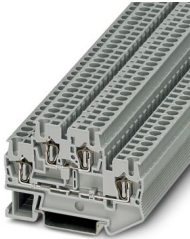
VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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

VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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
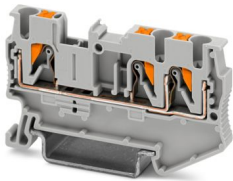
VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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

VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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

3209549

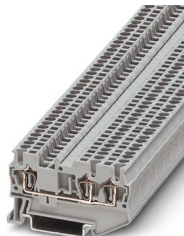https://www.phoenixcontact.com/us/products/3209549

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
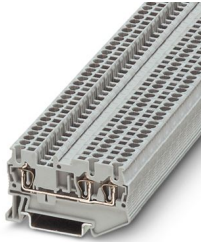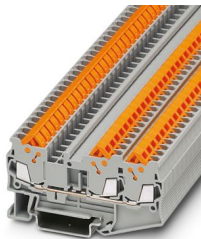
VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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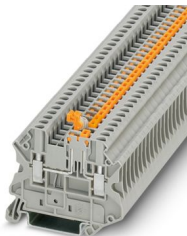
https://www.phoenixcontact.com/us/products/3205048

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

VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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

VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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

3210156

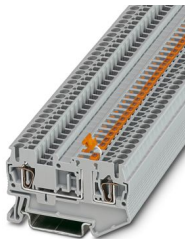https://www.phoenixcontact.com/us/products/3210156

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
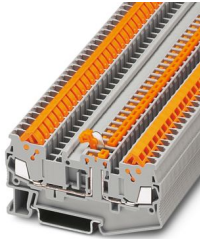
VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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

3205103

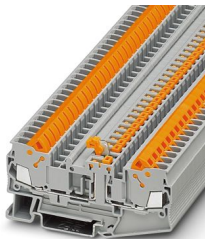https://www.phoenixcontact.com/us/products/3205103

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

VIP-PA-PWR/20XOE/ 1,0M/1756 - Front adapter

2908863

https://www.phoenixcontact.com/us/products/2908863

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 USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com