

VIP-PA-PWR/36XOE/ 1,0M/1756 - Front adapter



2908859

<https://www.phoenixcontact.com/us/products/2908859>

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 36-pos. ControlLogix® 1756 I/O modules. 1 x 36 single wires (each ferruled and marked) can be connected (field connection, e.g., via 36 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	2908859
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C423
Product key	DK232R
GTIN	4063151467876
Weight per piece (including packing)	590 g
Weight per piece (excluding packing)	590 g
Customs tariff number	85444290
Country of origin	US

2908859

<https://www.phoenixcontact.com/us/products/2908859>

Technical data

Product properties

Product type	Front adapter
--------------	---------------

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (AC/DC)	≤ 250 V AC/DC
Current (per single-core wire, 60°C)	≤ 3 A
Current (per single-core wire, 40°C)	≤ 4 A

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

2908859

<https://www.phoenixcontact.com/us/products/2908859>

	1756-OB16IS
	1756-OB8EI
	1756-OF8I
	1756-OF8IH
	1756-OH8I
	1756-OV32E
	1756-OW16I
	1756-OX8I
	1756-IF16IH

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	1 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 mm ²
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

VIP-PA-PWR/36XOE/ 1,0M/1756 - Front adapter



2908859

<https://www.phoenixcontact.com/us/products/2908859>

1X1.0 [PVC]

Cable type	1X1.0 [PVC]
Cable type	Front adapter with cable and 36 open cable ends

Color code: Single-core wire

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

Environmental and real-life conditions

2908859

<https://www.phoenixcontact.com/us/products/2908859>

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.
--------------------	--

2908859

<https://www.phoenixcontact.com/us/products/2908859>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2908859>



UL classified

Approval ID: FILE E238705



cUL Classified

Approval ID: FILE E238705



cUL Recognized

Approval ID: FILE E196811



UL Recognized

Approval ID: FILE E196811

VIP-PA-PWR/36XOE/ 1,0M/1756 - Front adapter



2908859

<https://www.phoenixcontact.com/us/products/2908859>

Classifications

ECLASS

ECLASS-13.0	27242292
ECLASS-15.0	27242292

ETIM

ETIM 10.0	EC002584
-----------	----------

UNSPSC

UNSPSC 21.0	32151600
-------------	----------

VIP-PA-PWR/36XOE/ 1,0M/1756 - Front adapter



2908859

<https://www.phoenixcontact.com/us/products/2908859>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - 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