

VIP-PA-PWR/20XOE/ 1,0M/S7 - Front adapter



2904724

<https://www.phoenixcontact.com/us/products/2904724>

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 for connection to all popular 20-pos. SIMATIC S7-300 I/O modules, via 20 individual wires in rope structure, not assembled (field connection, e.g., via 20 modular terminal blocks)

Commercial data

Item number	2904724
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK232S
GTIN	4046356882613
Weight per piece (including packing)	282.1 g
Weight per piece (excluding packing)	282.1 g
Country of origin	DE

VIP-PA-PWR/20XOE/ 1,0M/S7 - Front adapter



2904724

<https://www.phoenixcontact.com/us/products/2904724>

Technical data

Product properties

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

Insulation characteristics

Overvoltage category	II
----------------------	----

Electrical properties

Operating voltage (AC/DC)	≤ 250 V AC/DC
Nominal operating mode	100% operating factor
Current (per single-core wire, 40°C)	≤ 6 A
Current (per single-core wire, 60°C)	≤ 4 A
Current (per single-core wire, 75°C)	≤ 750 mA
Current (Total current per cable, 40°C)	≤ 20 A
Current (Total current per cable, 60°C)	≤ 16 A
Rated insulation voltage	260 V
Rated surge voltage	2.3 kV (Basic insulation)

Supported controller: SIEMENS S7-300 / ET 200 M

Suitable I/O card	6ES7321-1BH02-0AA0
	6ES7321-1BH10-0AA0
	6ES7321-7BH01-0AB0
	6ES7321-1BH50-0AA0
	6ES7321-1CH20-0AA0
	6ES7321-1FH00-0AA0
	6ES7321-1FF01-0AA0
	6ES7322-1FL00-0AA0
	6ES7322-1BH01-0AA0
	6ES7322-1BH10-0AA0
	6ES7322-1FH00-0AA0
	6ES7322-1BF01-0AA0
	6ES7322-8BF00-0AB0
	6ES7322-1CF00-0AA0
	6ES7322-1FF01-0AA0
	6ES7322-1HH01-0AA0
	6ES7322-1HF01-0AA0
	6ES7323-1BH01-0AA0
	6ES7327-1BH00-0AB0
	6ES7331-7HF01-0AB0
	6ES7331-7KF02-0AB0
	6ES7331-7KB02-0AB0
	6ES7332-7ND02-0AB0
	6ES7332-5HD01-0AB0

VIP-PA-PWR/20XOE/ 1,0M/S7 - Front adapter



2904724

<https://www.phoenixcontact.com/us/products/2904724>

	6ES7332-5HB01-0AB0
	6ES7334-0CE01-0AA0
	6ES7334-0KE00-0AB0
	6ES7331-7TF01-0AB0
	6ES7332-8TF01-0AB0
	6ES7336-4GE00-0AB0

Connection data

Controller level

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

Field level

Connection method	open cable end
Number of connections	20
Number of positions	1

Dimensions

Cable

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

Cable/line

Number of positions	20
Shielded	no
Conductor type	Round cable set
Conductor structure signal line	16x 1.80 mm
AWG signal line	21
Conductor cross-section	20x 0.5 mm ²
Outer sheath, material	Semi-rigid PVC
Conductor material	Bare Cu litz wires
Halogen-free	no

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 80 °C

Standards and regulations

Standards/regulations	DIN EN 50178
	IEC 60664

Mounting

Mounting position	any
-------------------	-----

VIP-PA-PWR/20XOE/ 1,0M/S7 - Front adapter



2904724

<https://www.phoenixcontact.com/us/products/2904724>

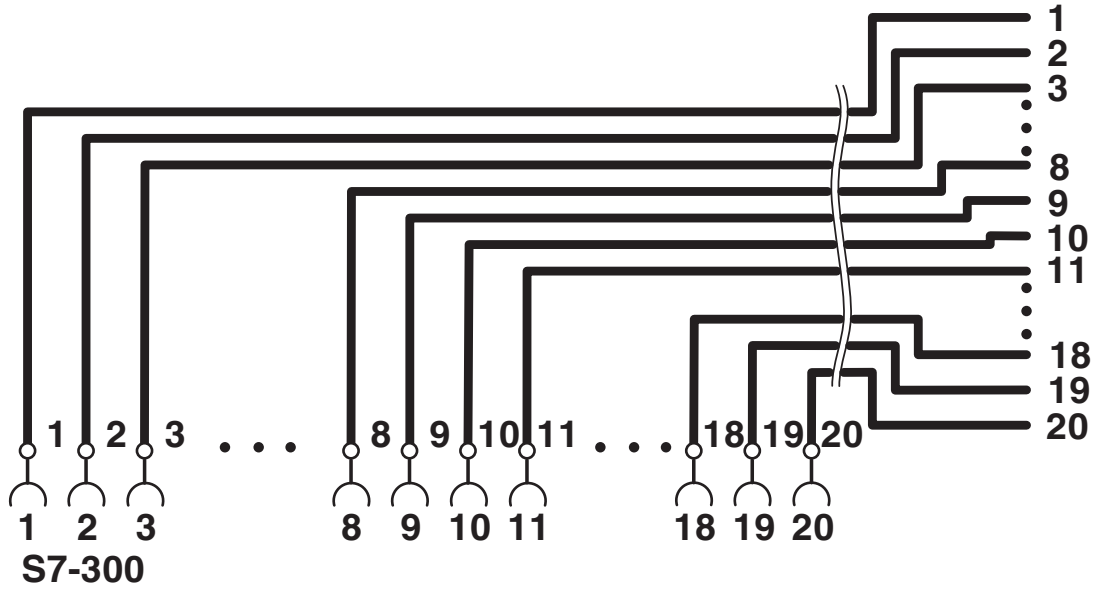
Notes

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



VIP-PA-PWR/20XOE/ 1,0M/S7 - Front adapter



2904724

<https://www.phoenixcontact.com/us/products/2904724>

Classifications

ECLASS

ECLASS-13.0

27242292

UNSPSC

UNSPSC 21.0

32151601

VIP-PA-PWR/20XOE/ 1,0M/S7 - Front adapter



2904724

<https://www.phoenixcontact.com/us/products/2904724>

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