

# VIP-PA-PWR/4X10 PT/ 8,0M/S7 - Front adapter



2905525

<https://www.phoenixcontact.com/us/products/2905525>

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 connecting all common 40-pos. SIMATIC S7-300 I/O modules, via four cables each with a 10-pos. COMBI connector, pitch: 3.5 mm

## Commercial data

Item number	2905525
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DK232S
GTIN	4046356960052
Weight per piece (including packing)	333.33 g
Weight per piece (excluding packing)	333.33 g
Customs tariff number	85444290
Country of origin	DE

# VIP-PA-PWR/4X10 PT/ 8,0M/S7 - Front adapter



2905525

<https://www.phoenixcontact.com/us/products/2905525>

## Technical data

### Product properties

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

### Insulation characteristics

Overvoltage category	III
Pollution degree	2

### 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 (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	4 kV (Basic insulation)

Supported controller: SIEMENS S7-300 / ET 200 M

Suitable I/O card	6ES7321-1BL00-0AA0
	6ES7321-1EL00-0AA0
	6ES7321-1CH00-0AA0
	6ES7321-1FF10-0AA0
	6ES7322-1BL00-0AA0
	6ES7322-8BH10-0AB0
	6ES7322-5GH00-0AB0
	6ES7322-5FF00-0AB0
	6ES7322-5HF00-0AB0
	6ES7322-1HF10-0AA0
	6ES7323-1BL00-0AA0
	6ES7331-7NF00-0AB0
	6ES7331-7NF10-0AB0
	6ES7331-1KF02-0AB0
	6ES7331-7PF01-0AB0
	6ES7331-7PF11-0AB0
	6ES7331-7PE10-0AB0
	6ES7332-5HF00-0AB0
	6ES7326-1BK02-0AB0
	6ES7326-1RF00-0AB0
	6ES7326-2BF41-0AB0
	6ES7326-2BF01-0AB0
	6ES7326-2BF10-0AB0
6ES7336-1HE00-0AB0	

# VIP-PA-PWR/4X10 PT/ 8,0M/S7 - Front adapter



2905525

<https://www.phoenixcontact.com/us/products/2905525>

## Connection data

### Controller level

Connection method	Plug-in connection
Note	Can be plugged onto 40-pos. I/O modules

### Field level

Connection method	COMBICON connectors
Number of connections	4
Number of positions	10
Pitch	3.5 mm

## Dimensions

### Cable

Length	8 m
--------	-----

## Cable/line

Number of positions	10
Shielded	no
Conductor type	Round cable set
Conductor structure signal line	16x 1.80 mm
AWG signal line	21
Conductor cross-section	10x 0.5 mm <sup>2</sup>
Outer sheath, material	PVC
External sheath, color	gray
Conductor material	Bare Cu litz wires
Cable resistance	≤ 40 Ω/km
Insulation resistance	≥ 20 MΩ*km
Halogen-free	no
Flame resistance	UL VW-1

## 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/4X10 PT/ 8,0M/S7 - Front adapter



2905525

<https://www.phoenixcontact.com/us/products/2905525>

## 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.

# VIP-PA-PWR/4X10 PT/ 8,0M/S7 - Front adapter



2905525

<https://www.phoenixcontact.com/us/products/2905525>

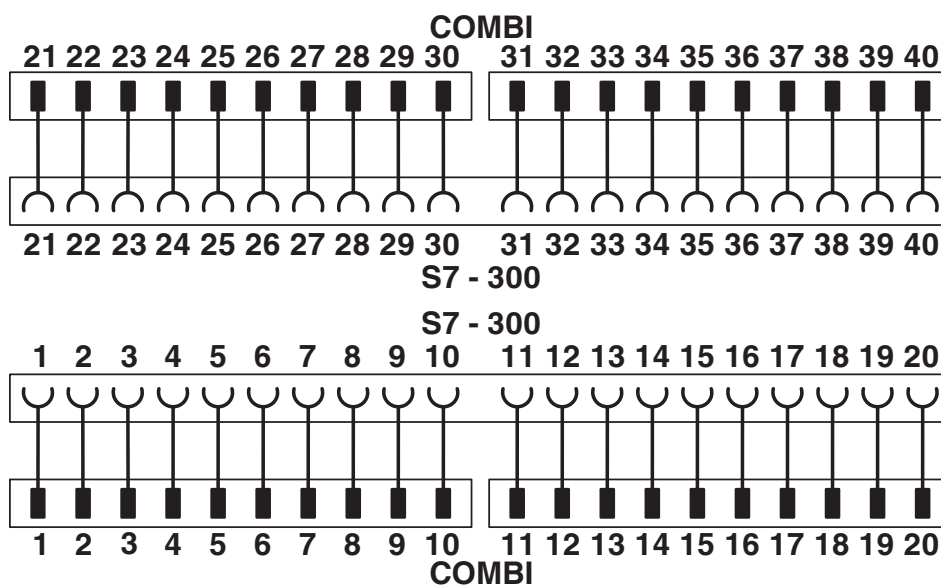
## Drawings

Dimensional drawing



	A	B
...4X10COMBI...	52	70
...2X10COMBI...		
...4X10 PT...	35	62
...2X10 PT...		

Circuit diagram



# VIP-PA-PWR/4X10 PT/ 8,0M/S7 - Front adapter



2905525

<https://www.phoenixcontact.com/us/products/2905525>

## Classifications

### ECLASS

ECLASS-13.0

27242292

### UNSPSC

UNSPSC 21.0

32151601

2905525

<https://www.phoenixcontact.com/us/products/2905525>

## 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)
-------------------------------------	----------------------

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](mailto:info@phoenixcon.com)