


## Front adapters - VIP-PA-PWR/2X10 PT/ 1,0M/S7 - 2905529

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



VIP power cabling, universal front adapter for connecting all common 20-pos. SIMATIC S7-300 I/O modules, via two cables each with a 10-pos. COMBI connector, pitch: 3.5 mm, cable length: 1 m

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 960786
GTIN	4046356960786

### Technical data

#### Ambient conditions

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

#### General

Max. permissible operating voltage	250 V AC/DC
Max. permissible current	6 A (per single wire at 40°C) 4 A (per single wire at 60°C)
Max. permissible total current	20 A (per cable at 40 °C) 16 A (per cable at 60°C)
Mounting position	any
Nominal operating mode	100% operating factor

#### Standards and Regulations

Connection in acc. with standard	CUL
Standards/regulations	DIN EN 50178 IEC 60664
Rated insulation voltage	260 V
Rated surge voltage	4 kV (basic insulation)

## Front adapters - VIP-PA-PWR/2X10 PT/ 1,0M/S7 - 2905529

### Technical data

#### Standards and Regulations

Overvoltage category	III
----------------------	-----

#### Connection data

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

#### Connection data 2

Connection name	Field level
Connection method	COMBICON connectors
Number of connections	2
Number of positions	10
Pitch	3.5 mm

#### Cable

Conductor construction: Number of litz wires:	16
Single wire, material	Cu uninsulated
Single wire, cross section	0.5 mm <sup>2</sup>
External diameter	9 mm
Length of cable	1 m
Max. conductor resistance	≤ 39 Ω/km

#### Supported controller

Controller	SIEMENS S7-300 / ET 200 M
- suitable I/O card	6ES7 321-1BH02-0AA0
	6ES7 321-1BH10-0AA0
	6ES7 321-7BH01-0AB0
	6ES7 321-1BH50-0AA0
	6ES7 321-1CH20-0AA0
	6ES7 321-1FH00-0AA0
	6ES7 321-1FF01-0AA0
	6ES7 322-1FL00-0AA0
	6ES7 322-1BH01-0AA0
	6ES7 322-1BH10-0AA0
	6ES7 322-1FH00-0AA0
	6ES7 322-1BF01-0AA0
	6ES7 322-8BF00-0AB0
	6ES7 322-1CF00-0AA0
	6ES7 322-1FF01-0AA0
	6ES7 322-1HH01-0AA0
	6ES7 322-1HF01-0AA0
	6ES7 323-1BH01-0AA0
	6ES7 327-1BH00-0AB0

## Front adapters - VIP-PA-PWR/2X10 PT/ 1,0M/S7 - 2905529

### Technical data

#### Supported controller

	6ES7 331-7HF01-0AB0
	6ES7 331-7KF02-0AB0
	6ES7 331-7KB02-0AB0
	6ES7 332-7ND02-0AB0
	6ES7 332-5HD01-0AB0
	6ES7 332-5HB01-0AB0
	6ES7 334-0CE01-0AA0
	6ES7 334-0KE00-0AB0
	6ES7 331-7TF01-0AB0
	6ES7 332-8TF01-0AB0
	6ES7 336-4GE00-0AB0

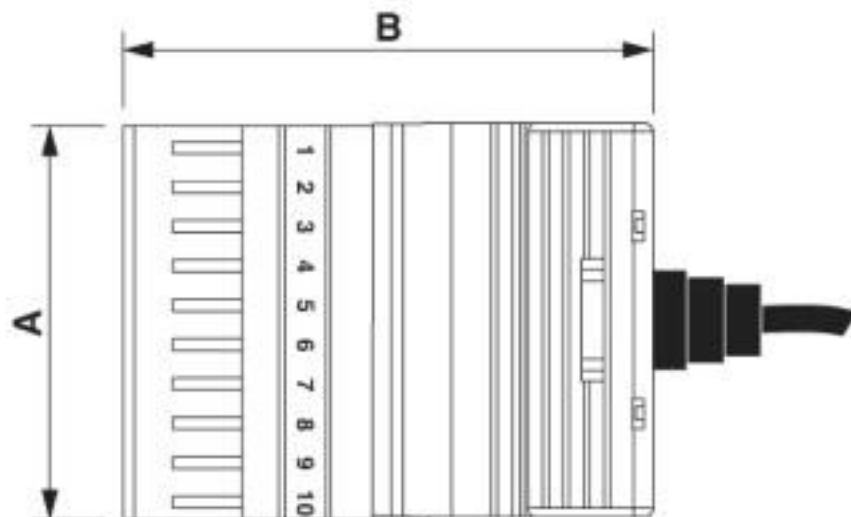
#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

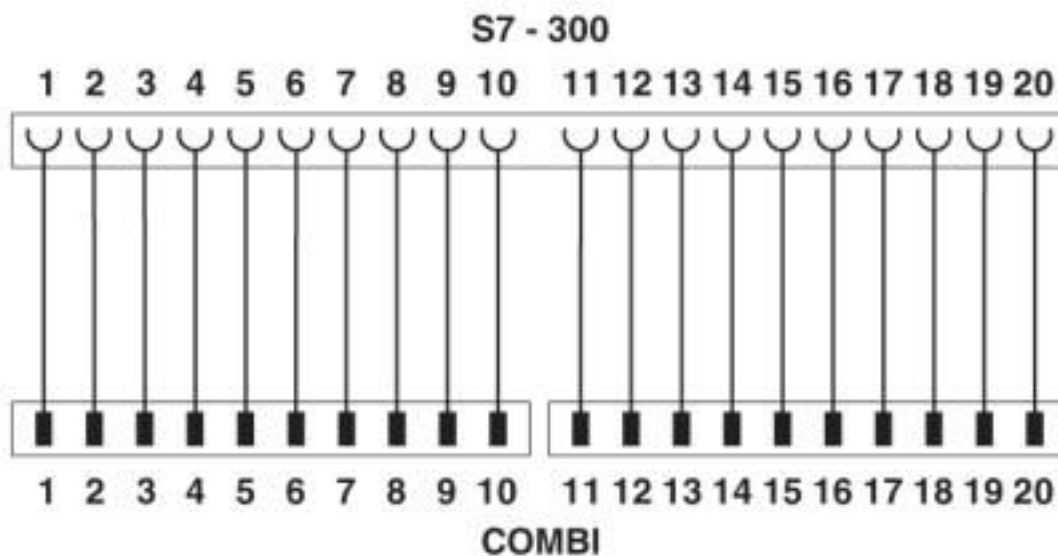
# Front adapters - VIP-PA-PWR/2X10 PT/ 1,0M/S7 - 2905529

Dimensional drawing



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

Circuit diagram



## Front adapters - VIP-PA-PWR/2X10 PT/ 1,0M/S7 - 2905529

### Classifications

#### eCl@ss

eCl@ss 10.0.1	27242292
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27249200
eCl@ss 7.0	27249290
eCl@ss 8.0	27249290
eCl@ss 9.0	27242292

#### ETIM

ETIM 4.0	EC002584
ETIM 5.0	EC002584
ETIM 6.0	EC002584
ETIM 7.0	EC002584

#### UNSPSC

UNSPSC 13.2	32151601
UNSPSC 18.0	32151601
UNSPSC 19.0	32151601
UNSPSC 20.0	32151601
UNSPSC 21.0	32151601

### Approvals


#### Approvals

#### Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	70019651
Nominal voltage UN	250 V		
Nominal current IN	6 A		

# Front adapters - VIP-PA-PWR/2X10 PT/ 1,0M/S7 - 2905529

## Approvals

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN		250 V	
Nominal current IN		6 A	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN		250 V	
Nominal current IN		6 A	

EAC		RU C- DE.A*30.B00767
-----	--	-------------------------

cULus Recognized	
------------------	--

## Accessories

### Accessories

#### Plug-in terminal block

##### Mini feed-through terminal block - MPT 1,5/S/1P - 3248115



Mini feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in connection, number of connections: 2, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: gray, mounting type: NS 15

##### Mini feed-through terminal block - MPT 1,5/S/1P BU - 3248116



Mini feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in connection, number of connections: 2, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: blue, mounting type: NS 15

## Front adapters - VIP-PA-PWR/2X10 PT/ 1,0M/S7 - 2905529

### Accessories

#### Feed-through terminal block - PT 1,5/S/1P - 3208582



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 2, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, height: 30.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

---

#### Feed-through terminal block - PT 1,5/S/1P BU - 3208595



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 2, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, height: 30.5 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

---

#### Feed-through terminal block - PT 1,5/S-TWIN/1P - 3212358



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 3, number of positions: 1, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

---

#### Feed-through terminal block - PT 1,5/S-TWIN/1P BU - 3212361



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 3, number of positions: 1, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

---

#### Feed-through terminal block - PT 1,5/S-QUATTRO/2P - 3212390



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 4, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

## Front adapters - VIP-PA-PWR/2X10 PT/ 1,0M/S7 - 2905529

### Accessories

Feed-through terminal block - PT 1,5/S-QUATTRO/2P BU - 3212400



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 4, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

Double-level terminal block - PTTB 1,5/S/2P - 3212439



Double-level terminal block, connection method: Push-in / plug connection, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

Double-level terminal block - PTTB 1,5/S/2P BU - 3212442



Double-level terminal block, connection method: Push-in / plug connection, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

### Terminal coupling

COMBI receptacle - PPC 1,5/S/10 - 3213467



COMBI receptacle, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in connection, number of connections: 1, number of positions: 10, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 35 mm, height: 17.8 mm, color: gray



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Specialised Cables](#) category:*

*Click to view products by [Phoenix Contact](#) manufacturer:*

Other Similar products are found below :

[603PT6](#) [603SS6L](#) [604PT6](#) [604SS6](#) [706000D02F200](#) [910640](#) [1200740077](#) [1200740114](#) [AC172](#) [ACL-SSI-4](#) [R88ACAKA0015SRE](#)  
[R88ACAWL005SDE](#) [R88ACRGD0R3C](#) [1300150047](#) [1300660036](#) [1302262116](#) [1300150149](#) [1300220020](#) [1300220104](#) [1300220119](#)  
[1301240492](#) [1301810221](#) [1365323-1](#) [1613055](#) [176P12](#) [1971465-2](#) [20240400003](#) [20240400013](#) [2085828-1](#) [20886510030](#) [2-22733-8](#) [22733-](#)  
[8](#) [CB-5PSBC-RS](#) [CB-704EC-RS](#) [CB-BATACC-RS](#) [CB-JST3PSW-RS](#) [CB-M12COM-R10](#) [25AC84](#) [25AK84X](#) [25AU25](#) [25FN82](#) [3011-03](#)  
[AC118](#) [ACL-HHS-1M\(CAT5E\)](#) [SSL009PC2DC012N](#) [FC2A-KC6C](#) [2085828-2](#) [20886510150](#) [CCS-FCB-5](#) [CCSFCBF2](#)