

## Front adapters - VIP-PA-PWR/2X10 PT/ 2,5M/S7 - 2905533

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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: 2.5 m

### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356960892

### 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)

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## Technical data

### Standards and Regulations

Overvoltage category	III
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### 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	2.5 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

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### 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

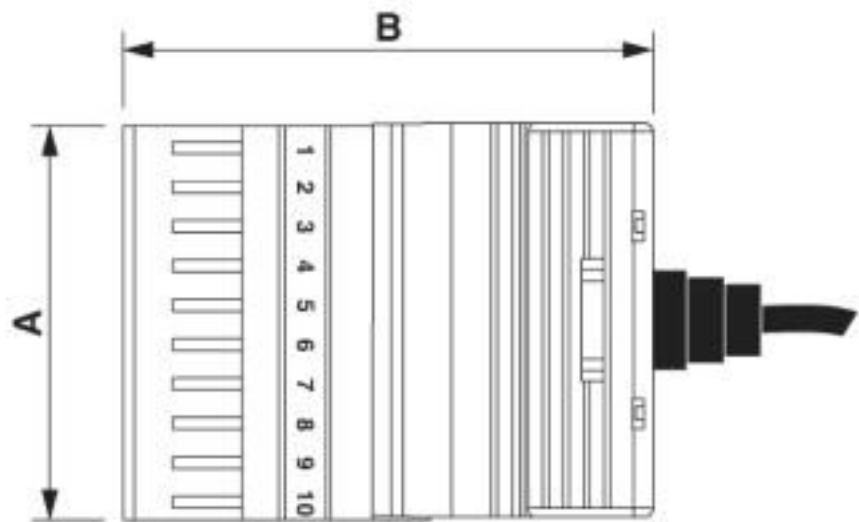
#### Environmental Product Compliance

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

### Drawings

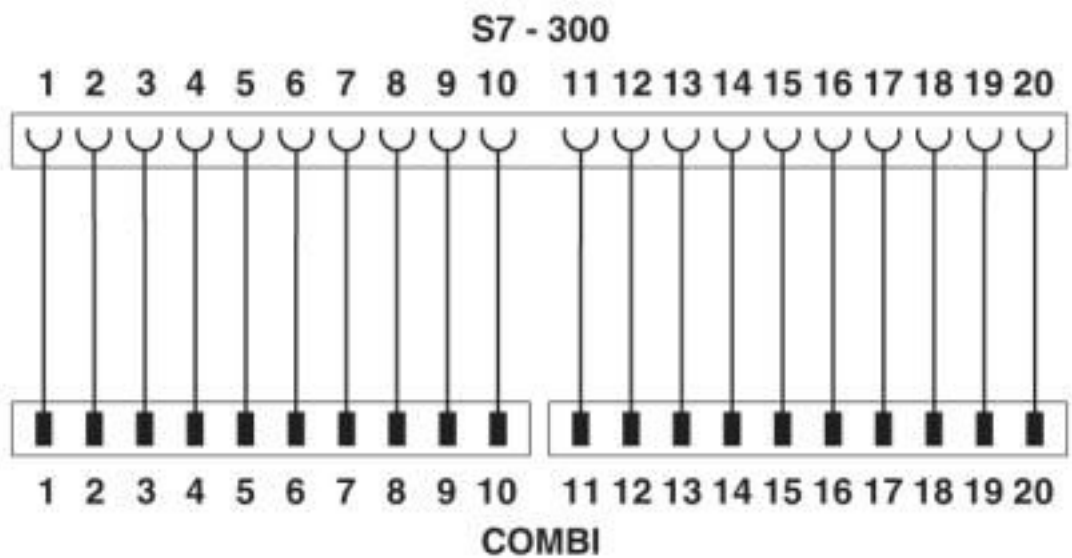
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Dimensional drawing



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

Circuit diagram



## Front adapters - VIP-PA-PWR/2X10 PT/ 2,5M/S7 - 2905533

### 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

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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		

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## 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
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cULus Recognized	
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## 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/ 2,5M/S7 - 2905533

### 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

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#### 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

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#### 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

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#### 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

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



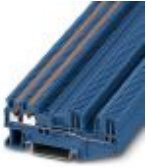
Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 4, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

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## Front adapters - VIP-PA-PWR/2X10 PT/ 2,5M/S7 - 2905533

### 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



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