



**Automatización Eléctrica**  
Especialistas en Automatización

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## Front adapters - VIP-PA-PWR/2X10 PT/ 1,5M/S7 - 2905531

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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: 1.5 m

The figure shows version VIP-PA-PWR/2X10COMBI/.../S7

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 960878

### Technical data

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 80 °C

#### General

Nominal voltage $U_N$	$\leq 250$ 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
Degree of protection	IP20
Standards/regulations	DIN EN 50178 IEC 60664 IEC 62103
Rated insulation voltage	260 V
Rated surge voltage	4 kV (basic insulation)
Overvoltage category	III

#### Connection data 1

Connection name	Controller level
Connection method	Can be plugged onto 20-pin I/O Modules

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### Technical data

#### Connection data 2

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

#### Cable

Individual wires per module	16
Single wire, material	Cu uninsulated
Single wire, cross section	0.5 mm <sup>2</sup>
External diameter	9 mm
Length of cable	1.5 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
	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

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## Technical data

### Supported controller

	6ES7 331-7TF01-0AB0
	6ES7 332-8TF01-0AB0
	6ES7 336-4GE00-0AB0

### Standards and Regulations

Connection in acc. with standard	CUL
Standards/regulations	DIN EN 50178
	IEC 60664
	IEC 62103
Overvoltage category	III

## Classifications

### eCl@ss

eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 8.0	27249205

### ETIM

ETIM 5.0	EC002584
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## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / CSA / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

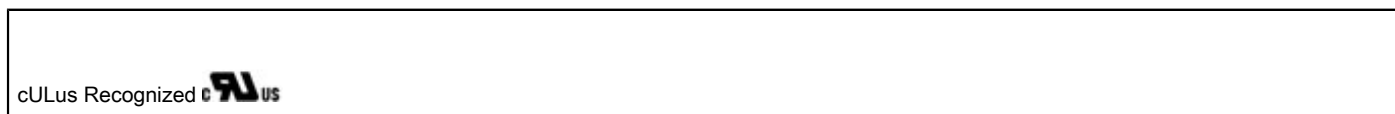
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### Approval details

UL Recognized
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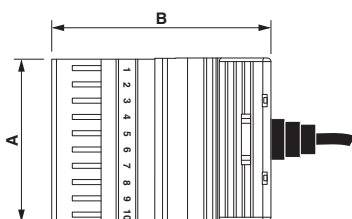
# Front adapters - VIP-PA-PWR/2X10 PT/ 1,5M/S7 - 2905531

## Approvals



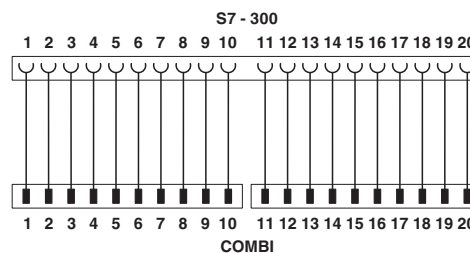
## Drawings

Dimensional drawing



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

Circuit diagram



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Product	Code	Reference	Product link
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: 1.5 m	2905531	VIP-PA-PWR/2X10 PT/1,5M/S7	<a href="#">Buy on EAN</a>