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## Front adapters - VIP-PA-PWR/20XOE/10,0M/S7 - 2904730

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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), cable length: 10 m

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 882620

### 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	2.3 kV (basic insulation)
Overvoltage category	II

#### Connection data 1

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

#### Connection data 2

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### Technical data

#### Connection data 2

Connection name	Field level
Connection method	open cable end
Number of connections	20
Number of positions	1

#### 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	10 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

Standards/regulations	DIN EN 50178
	IEC 60664
	IEC 62103
Overvoltage category	II

## Classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27249205

### ETIM

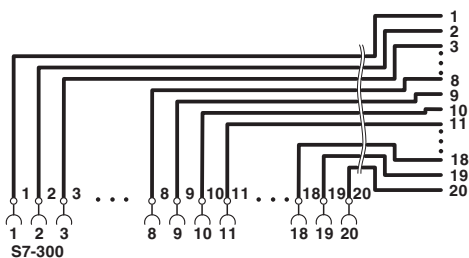
ETIM 4.0	EC000237
ETIM 5.0	EC000237

### UNSPSC

UNSPSC 6.01	26121620
UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620
UNSPSC 13.2	26121620

## Drawings

Circuit diagram



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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



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