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Front adapters - VIP-PA-PWR/4X10COMBI/ 4,0M/S7 - 2904708

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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: 5.2 mm, cable length: 4 m

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 881647

Technical data

Ambient conditions

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

General

Nominal voltage U_N	≤ 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 surge voltage	basic insulation
Degree of pollution	2
Overvoltage category	III

Connection data 1

Connection name	Controller level
Connection method	Can be plugged onto 40-pin I/O Modules

Connection data 2

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Technical data

Connection data 2

Connection name	Field level
Connection method	COMBICON connectors
Number of connections	4
Number of positions	10

Cable

Individual wires per module	16
Single wire, material	Cu uninsulated
Single wire, cross section	0.5 mm ²
External diameter	9 mm
Length of cable	4 m
Max. conductor resistance	≤ 39 Ω/km

Supported controller

Controller	SIEMENS S7-300 / ET 200 M
- suitable I/O card	6ES7 321-1BL00-0AA0
	6ES7 321-1EL00-0AA0
	6ES7 321-1CH00-0AA0
	6ES7 321-1FF10-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 322-8BH10-0AB0
	6ES7 322-5GH00-0AB0
	6ES7 322-5FF00-0AB0
	6ES7 322-5HF00-0AB0
	6ES7 322-1HF10-0AA0
	6ES7 323-1BL00-0AA0
	6ES7 331-7NF00-0AB0
	6ES7 331-7NF10-0AB0
	6ES7 331-1KF02-0AB0
	6ES7 331-7PF01-0AB0
	6ES7 331-7PF11-0AB0
	6ES7 331-7PE10-0AB0
	6ES7 332-5HF00-0AB0
	6ES7 326-1BK02-0AB0
	6ES7 326-1RF00-0AB0
	6ES7 326-2BF41-0AB0
	6ES7 326-2BF01-0AB0
	6ES7 326-2BF10-0AB0
	6ES7 336-1HE00-0AB0

Standards and Regulations

Connection in acc. with standard	CUL
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Standards and Regulations

Standards/regulations	DIN EN 50178
	IEC 60664
	IEC 62103
Rated insulation voltage	260 V AC/DC
Degree of pollution	2
Overvoltage category	III

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / CSA / cULus Recognized

Ex Approvals

Approvals submitted

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Approvals

Approval details

UL Recognized 

cUL Recognized 

CSA 

cULus Recognized  us

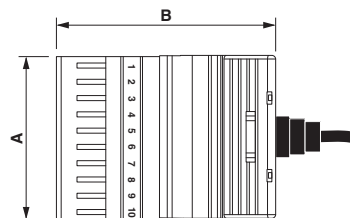
Drawings

Front adapters - VIP-PA-PWR/4X10COMBI/ 4,0M/S7 - 2904708

Connection diagram

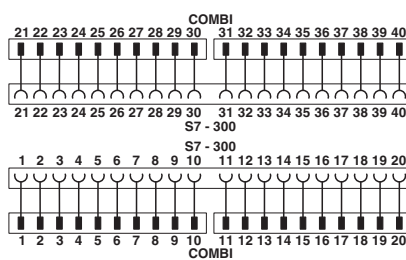
Pin S7-300	Wire color	PIN COMBI	
1	white	1	Plug 1
2	brown	2	
3	green	3	
4	yellow	4	
5	gray	5	
6	pink	6	
7	blue	7	
8	red	8	
9	black	9	
10	violet	10	
11	white	11	Plug 2
12	brown	12	
13	green	13	
14	yellow	14	
15	gray	15	
16	pink	16	
17	blue	17	
18	red	18	
19	black	19	
20	violet	20	
21	white	21	Plug 3
22	brown	22	
23	green	23	
24	yellow	24	
25	gray	25	
26	pink	26	
27	blue	27	
28	red	28	
29	black	29	
30	violet	30	
31	white	31	Plug 4
32	brown	32	
33	green	33	
34	yellow	34	
35	gray	35	
36	pink	36	
37	blue	37	
38	red	38	
39	black	39	
40	violet	40	

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
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