

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

RoHS

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 ²
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

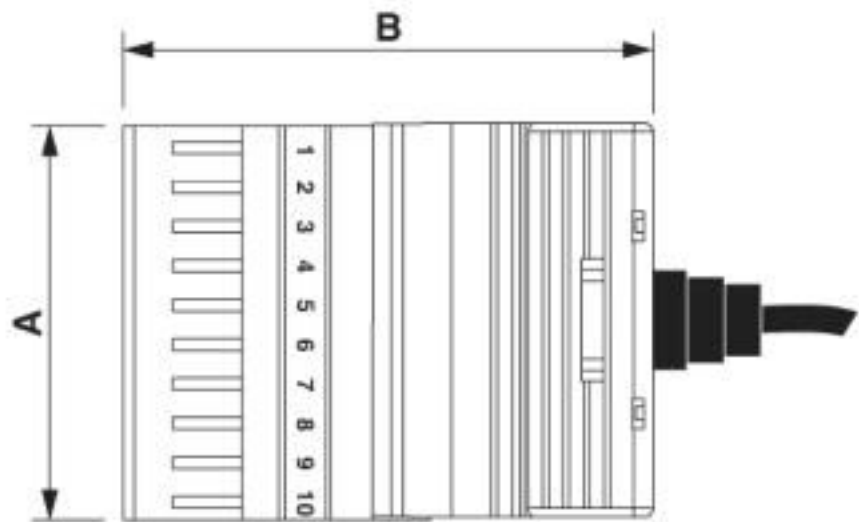
Environmental Product Compliance

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

Drawings

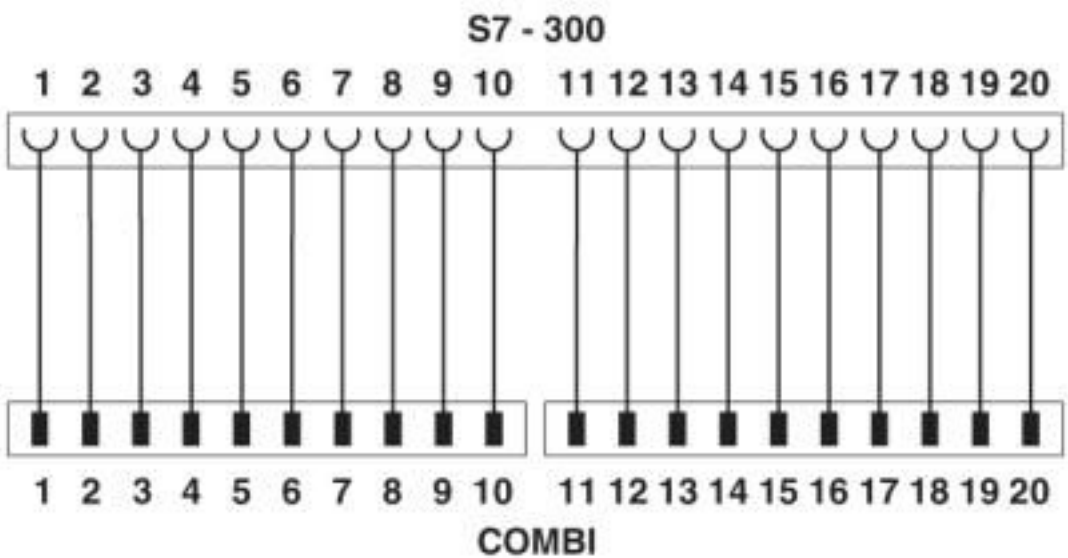
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Dimensional drawing



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

Circuit diagram



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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		http://www.csagroup.org/services-industries/product-listing/	70019651
Nominal voltage UN	250 V		
Nominal current IN	6 A		

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Approvals

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

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	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 mm² - 1.5 mm², 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 mm² - 1.5 mm², AWG: 26 - 14, width: 3.5 mm, color: blue, mounting type: NS 15

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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 mm² - 1.5 mm², 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 mm² - 1.5 mm², 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



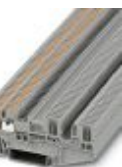
Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 3, number of positions: 1, cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, width: 3.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

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 mm² - 1.5 mm², 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

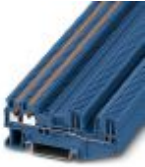


Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 4, cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, width: 3.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

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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 mm² - 1.5 mm², 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 mm² - 1.5 mm², 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 mm² - 1.5 mm², 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 mm² - 1.5 mm², AWG: 26 - 14, width: 35 mm, height: 17.8 mm, color: gray

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