

Front adapters - VIP-PA-FLK50/ 1,5M/S7



2322469

<https://www.phoenixcontact.com/de/produkte/2322469>

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VIP VARIOFACE front adapter, with connected system cables for SMATIC S7-300, 1 x 32 channels can be connected, cable length: 1.5 m

Your advantages

- Can be screwed on with the I/O module
- Power supply via terminal blocks with spring-cage double connection
- Encapsulated socket strips on the module side

Commercial Data

Item number	2322469
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	I1 - Systemverkabelung
Product Key	CK2317
Catalog Page	Page 500 (C-5-2019)
GTIN	4046356451901
Weight per Piece (including packing)	437,266 g
Weight per Piece (excluding packing)	426,8 g
Customs tariff number	85444290
Country of origin	DE

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Technical Data

Product properties

Product type	Front adapter
Insulation characteristics	
Overvoltage category	II
Pollution degree	2

Electrical properties

Max. permissible operating voltage	25 V AC
	60 V DC
Max. permissible current	1 A (per path)
	8 A (Separate power supply)
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (Functional insulation)

Supported controller SIEMENS S7-300 / ET 200 M

Suitable I/O card	CPU 312C
	CPU 313C
	CPU 313C-2PtP
	CPU 313C-2DP
	CPU 314C-2PtP
	CPU 314C-2DP
	6ES7321-1BL00-0AA0
	6ES7322-1BL00-0AA0
	6ES7322-8BH01-0AB0
	6ES7322-8BH10-0AB0
	6ES7323-1BL00-0AA0
	6ES7331-1KF01-0AB0
	6ES7331-7NF00-0AB0
	6ES7331-7NF10-0AB0
	6ES7331-7PF01-0AB0
	6ES7331-7PF11-0AB0
	6ES7332-5HF00-0AB0
	6ES7350-2AH01-0AE0
	6ES7357-4AH01-0AE0
	6ES7321-7TH00-0AB0
	6ES7331-1KF02-0AB0

Connection data

Control side

Connection method	Plug-in connection
Note	Can be plugged onto 40-pos. I/O modules

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Field level

Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	50
Pitch	2.54 mm

Supply

Connection method	Push-in connection
Stripping length	10 mm
Conductor cross section solid	0.2 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 14

Dimensions

Length	1.5 m
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Cable / line

Cable length	1.5 m
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50X0.14 [PVC]

UL AWM Style	2464/1061
Number of positions	50
Shielded	no
Cable type	50X0.14 [PVC]
Conductor type	Round cable set
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	50x 0.14 mm ²
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	10.3 mm ±0.4 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Cable resistance	≤ 145 Ω/km (20 °C)
Insulation resistance	≥ 20 MΩ*km (20 °C)
Smallest bending radius, fixed installation	86 mm
Smallest bending radius, movable installation	161 mm
Max. bending cycles	5000 (at a radius of ≥ 15x outside diameter)
Halogen-free	no
Flame resistance	IEC 60332-1-2 (raw cable)
	VDE 0842, Part 332-1-2 (raw cable)
	IEC 60332-3-22 (raw cable)
	UL VW-1
	CSA FT-1
Resistance to oil	can withstand occasional splashes (raw cable)

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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Approval data

UKCA

Certificate	UKCA-compliant
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Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

Mounting

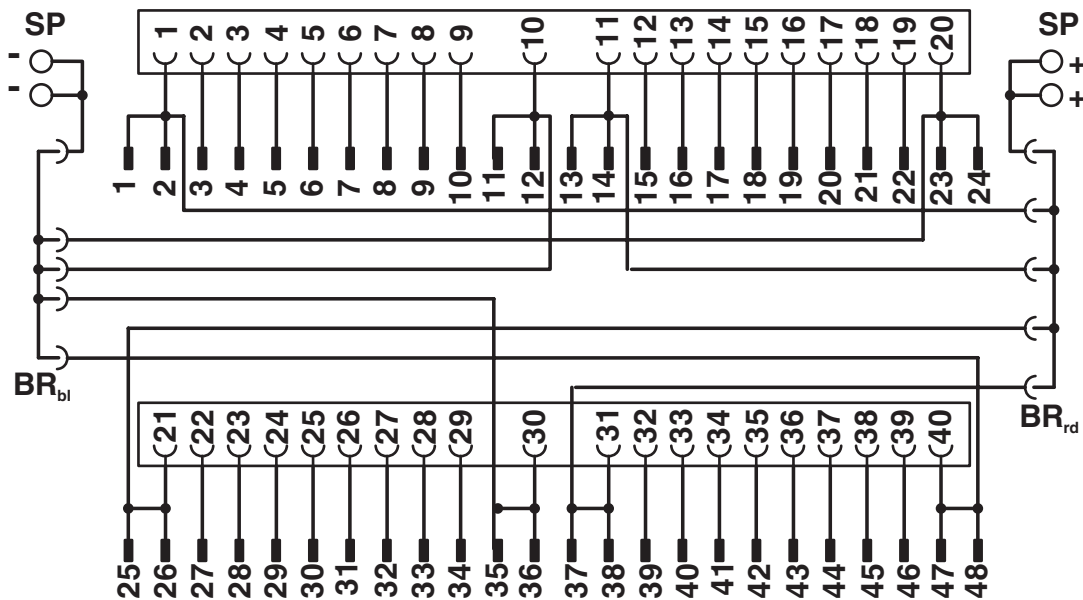
Mounting position	any
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Notes

Notes on operation	To prevent short circuits, all wire bridges on the following I/O cards are to be separated. There may not be any voltage supply at the front adapter. 6ES7 331-1KF01-0AB0 6ES7 331-1KF02-0AB0 6ES7 331-7NF00-0AB0 6ES7 331-7NF10-0AB0 6ES7 331-7PF01-0AB0 6ES7 331-7PF11-0AB0 6ES7 332-5HF00-0AB0 6ES7 350-2AH01-0AE0 6ES7 357-4AH01-0AE0
Notes on operation	<u>Digital I/O cards</u> Thanks to the existing wire bridge upon delivery, the input and output bytes are non-isolated.

Drawings

Circuit diagram



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Approvals

cUL Recognized Approval ID: FILE E 238705				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	50 V	1 A	-	-

UL Recognized Approval ID: FILE E 238705				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	50 V	1 A	-	-

cULus Recognized				
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Classifications

ECLASS

ECLASS-9.0	27242292
ECLASS-10.0.1	27242292
ECLASS-11.0	27242292

ETIM

ETIM 8.0	EC002584
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UNSPSC

UNSPSC 21.0	32151600
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

Passive module

Passive module - VIP-2/SC/FLK50 (1-40) /S7 - 2315243

<https://www.phoenixcontact.com/de/produkte/2315243>



VARIOFACE interface module for Siemens SIMATIC® S7-300, with SIMATIC®-specific labeling (1 - 40), with screw connection, module width: 106.1 mm

Passive module

Passive module - VIP-2/PT/FLK50 (1-40) /S7 - 2903804

<https://www.phoenixcontact.com/de/produkte/2903804>



VARIOFACE interface module for Siemens SIMATIC® S7-300, with SIMATIC®-specific labeling (1 - 40), with push-in connection, module width: 107.9 mm

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Passive module

Passive module - FLKM 50/KDS3-MT/PPA/S7-300 - 2304490

<https://www.phoenixcontact.com/de/produkte/2304490>



VARIOFACE interface module for Siemens SIMATIC® S7-300, with SIMATIC®-specific labeling (1 - 40), knife disconnect terminal block and test connection, module width: 214 mm

Cable marker carrier

Cable marker carrier - KME - 0807083

<https://www.phoenixcontact.com/de/produkte/0807083>



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable ties, cable diameter: > 5 mm, lettering field size: 20 mm x 8 mm

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