

Front adapters - VIP-PA-FLK50/4X14/ 1,0M/S7 - 2322566

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VIP VARIOFACE front adapter, with connected system cables for SMATIC S7-300, 4 x 8 channels can be connected, cable length: 1 m

Your advantages

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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 452304
GTIN	4046356452304
Weight per Piece (excluding packing)	430.000 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Note

Type of note	Notes on operation
Note	Analog I/O cards To avoid short-circuits, all wire bridges must be disconnected! No voltage supply may be supplied to the front adapter!
Type of note	Notes on operation
Note	Digital I/O cards Thanks to the existing wire bridge upon delivery, the input and output bytes are non-isolated.

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Technical data

Ambient conditions

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

General

Max. permissible operating voltage	25 V AC
	60 V DC
Max. permissible current	1 A (per path)
	8 A (Separate power supply)
Mounting position	any

Standards and Regulations

Connection in acc. with standard	CUL
Standards/regulations	IEC 60664
	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV
Insulation	Functional insulation
Pollution degree	2
Overvoltage category	II

Connection data

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

Connection data 2

Connection name	Field level
Connection method	IDC/FLK socket strip
Number of connections	4
Number of positions	14
Pitch	2.54 mm

Connection data 3

Connection name	Supply
Connection method	Push-in connection
Stripping length	10 mm
Conductor cross section solid	0.2 mm² ... 2.5 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 14

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Technical data

Cable

Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
Single wire, cross section	0.14 mm ²
External diameter	6.4 mm
Length of cable	1 m
Shielding	no
Halogen-free cable	No
Max. conductor resistance	0.16 Ω/m

Supported controller

Controller	SIEMENS S7-300 / ET 200 M
- suitable I/O card	CPU 313C
	CPU 313C-2PtP
	CPU 313C-2DP
	CPU 314C-2PtP
	CPU 314C-2DP
	6ES7 321-1BL00-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 322-8BH01-0AB0
	6ES7 322-8BH10-0AB0
	6ES7 323-1BL00-0AA0
	6ES7 331-7NF00-0AB0
	6ES7 331-7NF10-0AB0
	6ES7 331-7PF01-0AB0
	6ES7 331-7PF11-0AB0
	6ES7 350-2AH01-0AE0
	6ES7 357-4AH01-0AE0
	6ES7 331-1KF02-0AB0

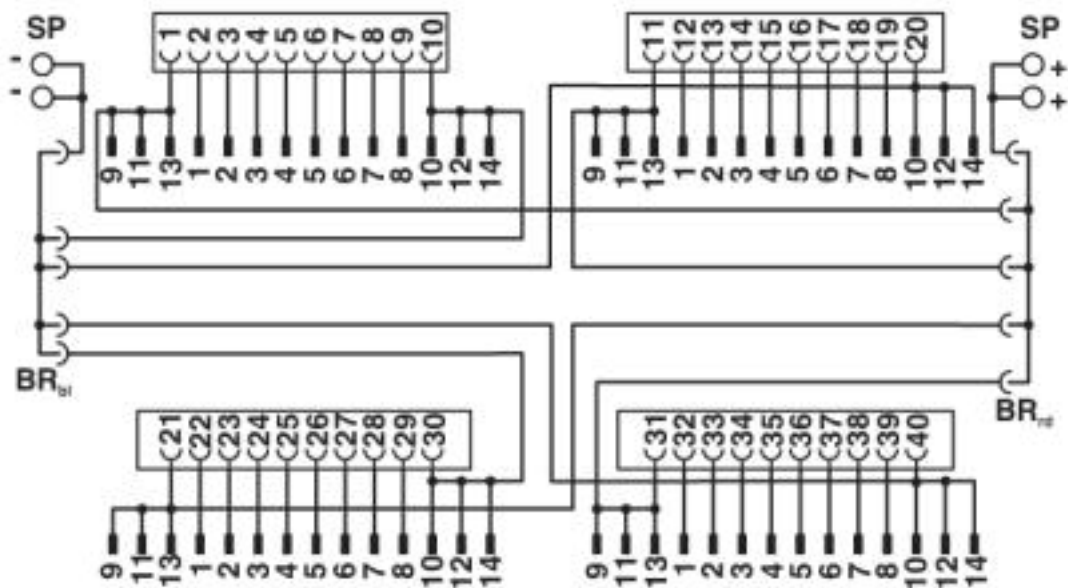
Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Front adapters - VIP-PA-FLK50/4X14/ 1,0M/S7 - 2322566

Circuit diagram



Classifications

eCl@ss

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 6.01	26121620
UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620

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Classifications

UNSPSC

UNSPSC 13.2	32151601
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Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		50 V	
Nominal current IN		1 A	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		50 V	
Nominal current IN		1 A	

EAC		RU C- DE.A*30.B00767
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cULus Recognized	
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Accessories

Accessories

Controller board

Passive module - VIP-2/SC/2FLK14 (1-20) /S7 - 2315230



VARIOFACE interface module for Siemens SIMATIC® S7-300, for max. 16 channels with SIMATIC®-specific labeling (1 - 20), with screw connection, module width: 80.6 mm

Passive module - VIP-2/PT/2FLK14 (1-20) /S7 - 2903802



VARIOFACE interface module for Siemens SIMATIC® S7-300, for max. 16 channels with SIMATIC®-specific labeling (1 - 20), with push-in connection, module width: 82.5 mm

Passive module - FLKM-2FLK14/KDS3-MT/PPA/S7 - 2295062



VARIOFACE interface module for Siemens SIMATIC® S7-300, for max. 16 channels, with SIMATIC®-specific labeling (1 - 20), knife disconnect terminal block and test connection, module width: 113 mm

System connection - PLC-V8/FLK14/OUT - 2295554



V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of output cards, connection 1: Screw connection 1x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug connection (Can be snapped onto 8x PLC-INTERFACE terminals), number of channels: 8, control logic: positive switching

System connection - PLC-V8/FLK14/IN - 2296553



V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of input cards, connection 1: Screw connection 1x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug connection (Can be snapped onto 8x PLC-INTERFACE terminals), number of channels: 8, control logic: positive switching

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Accessories

System connection - PLC-V8L/FLK14/OUT - 2299660



V8 adapter for 8 x PLC-INTERFACE (14 mm), controller: PLC system cabling of output cards, connection 1: Screw connection 1x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug connection (Can be snapped onto 8x PLC-INTERFACE terminals), number of channels: 8, control logic: positive switching

Passive module - VIP-3/SC/FLK14/8IM/PLC - 2322278



VARIOFACE sensor module, for connecting 8 pnp sensors

Passive module - VIP-3/PT/FLK14/8IM/PLC - 2904282



VARIOFACE sensor module, with push-in connection, for connecting 8 pnp sensors

Marker carrier cable

Cable marker carrier - KME - 0807083



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