

# VIP-PA-FLK14/ 4,0M/S7 - Front adapter



2322715

<https://www.phoenixcontact.com/us/products/2322715>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



VIP VARIOFACE front adapter, with connected system cables for SMATIC S7-300, 2 x 8 channels can be connected

## 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

## Commercial data

Item number	2322715
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C423
Product key	DK232S
GTIN	4046356452458
Weight per piece (including packing)	680 g
Weight per piece (excluding packing)	680 g
Customs tariff number	85444290
Country of origin	DE

# VIP-PA-FLK14/ 4,0M/S7 - Front adapter



2322715

<https://www.phoenixcontact.com/us/products/2322715>

## Technical data

### Product properties

Product type	Front adapter
Product family	VARIOFACE Professional

### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (per branch)	≤ 1 A
Current (Voltage supply)	≤ 8 A
Current (per byte)	≤ 2 A

### Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV

### Supported controller: SIEMENS S7-300 / ET 200 M

Suitable I/O card	6ES7321-1BH50-0AA0
	6ES7321-7BH01-0AB0
	6ES7321-1BH02-0AA0
	6ES7321-1BH10-0AA0
	6ES7322-1BH01-0AA0
	6ES7322-8BF00-0AB0
	6ES7322-1BH10-0AA0
	6ES7323-1BH01-0AA0
	6ES7331-7HF01-0AB0
	6ES7331-7KF02-0AB0
	6ES7331-7KB02-0AB0
	6ES7331-7TF01-0AB0
	6ES7332-5HD01-0AB0
	6ES7332-5HB01-0AB0
	6ES7332-7ND02-0AB0
	6ES7332-8TF01-0AB0
	6ES7334-0CE01-0AA0
	6ES7334-0KE00-0AB0
	6ES7335-7HG01-0AB0
	6ES7338-4BC01-0AB0
6ES7350-1AH03-0AE0	

# VIP-PA-FLK14/ 4,0M/S7 - Front adapter



2322715

<https://www.phoenixcontact.com/us/products/2322715>

	6ES7351-1AH01-0AE0
	6ES7352-1AH02-0AE0
	6ES7353-1AH01-0AE0
	6ES7354-1AH01-0AE0
	6ES7355-0VH10-0AE0
	6ES7355-1VH10-0AE0

## Connection data

### Connection 1 (control level)

Connection method	Plug-in connection
Number of positions	20
Note	Can be plugged onto 20-pos. I/O modules

### Connection 2 (field level)

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK socket strip
Number of connections	2
Number of positions	14
Insertion/withdrawal cycles	< 50
Pitch	2.54 mm

### Connection 3 (supply)

Connection method	Push-in spring connection
Stripping length	10 mm
Number of connections	2
Number of positions	4
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (Ferrule without plastic sleeve)
	0.25 mm <sup>2</sup> ... 1 mm <sup>2</sup> (Ferrule with plastic sleeve)
Conductor cross-section flexible (2 conductors with same cross section)	0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup> (TWIN ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 12
Pitch	5 mm

## Dimensions

### Cable

Length	4 m
--------	-----

## Cable/line

### 14X0.14 [PVC]

UL AWM Style	2464/1061
Number of positions	14
Shielded	no

# VIP-PA-FLK14/ 4,0M/S7 - Front adapter



2322715

<https://www.phoenixcontact.com/us/products/2322715>

Cable type	14X0.14 [PVC]
Conductor type	Round cable set
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross-section	14x 0.14 mm <sup>2</sup>
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	6.40 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	55 mm
Smallest bending radius, movable installation	104 mm
Dynamic load capacity (bending)	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)

## Environmental and real-life conditions

### Ambient conditions

Degree of protection (Module)	IP20
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

## Approvals

### UKCA

Certificate	UKCA-compliant
-------------	----------------

## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
-----------------------	----------------

## Mounting

Mounting type	Plug-in mounting
Mounting position	any

## Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
Notes on operation	<p>To prevent short circuits, all wire bridges on the following I/O cards are to be separated.</p> <p>There may not be any voltage supply at the front adapter.</p> <p>6ES7 321-1BH50-0AA0          6ES7 321-7BH01-0AB0          6ES7 322-8BF00-0AB0          6ES7 331-7KF02-0AB0          6ES7 331-7HF01-0AB0          6ES7 331-7KB02-0AB0          6ES7 331-7TF01-0AB0          6ES7 332-5HD01-0AB0          6ES7 332-5HB01-0AB0          6ES7 332-7ND02-0AB0          6ES7 334-0CE01-0AA0          6ES7 334-0KE00-0AB0          6ES7 335-7HG01-0AB0          6ES7 338-4BC01-0AB0          6ES7 350-1AH03-0AE0          6ES7 351-1AH01-0AE0          6ES7 352-1AH02-0AE0          6ES7 353-1AH01-0AE0          6ES7 354-1AH01-0AE0          6ES7 355-0VH10-0AE0          6ES7 355-1VH10-0AE0</p>
Notes on operation	<p><u>Digital I/O cards</u></p> <p>Thanks to the existing wire bridge upon delivery, the input and output bytes are non-isolated.</p>

Drawings

Circuit diagram



# VIP-PA-FLK14/ 4,0M/S7 - Front adapter



2322715

<https://www.phoenixcontact.com/us/products/2322715>

## Classifications

### ECLASS

ECLASS-13.0

27242292

### ETIM

ETIM 9.0

EC002584

### UNSPSC

UNSPSC 21.0

32151600

# VIP-PA-FLK14/ 4,0M/S7 - Front adapter



2322715

<https://www.phoenixcontact.com/us/products/2322715>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)