

# FLKM 50-PA-S400(3-48) - Front adapter



2294908

<https://www.phoenixcontact.com/us/products/2294908>

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.

VARIOFACE front adapter, for Siemens SIMATIC® S7-400, only analog



## Your advantages

- Analog channels are connected via a 50-pos. system cable

## Commercial data

Item number	2294908
Packing unit	2 pc
Minimum order quantity	2 pc
Sales key	C421
Product key	CK231S
Catalog page	Page 509 (C-5-2019)
GTIN	4017918156350
Weight per piece (including packing)	188.25 g
Weight per piece (excluding packing)	154.86 g
Customs tariff number	85369010
Country of origin	DE

# FLKM 50-PA-S400(3-48) - Front adapter



2294908

<https://www.phoenixcontact.com/us/products/2294908>

## Technical data

### Product properties

Product type	Front adapter
Product family	VARIOFACE

### Insulation characteristics

Insulation	Functional insulation
------------	-----------------------

### 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

### Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 μs)

### Supported controller SIEMENS S7-400

Suitable I/O card	6ES7431-0HH0-0AB0
	6ES7431-1KF00-0AB0
	6ES7431-1KF10-0AB0
	6ES7431-1KF20-0AB0
	6ES7431-7KF00-0AB0
	6ES7431-7KF10-0AB0
	6ES7431-7QH00-0AB0
	6ES7432-1HF00-0AB0

### Connection data

#### Connection 1 (control level)

Connection method	Plug-in connection
Number of positions	48

#### Connection 2 (field level)

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Insertion/withdrawal cycles	> 50

# FLKM 50-PA-S400(3-48) - Front adapter



2294908

<https://www.phoenixcontact.com/us/products/2294908>

Pitch	2.54 mm
-------	---------

## Dimensions

### Item dimensions

Width	24.2 mm
Height	273.5 mm
Depth	67.6 mm

## 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

## 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	All analog I/O cards may only be operated in conjunction with one of the following modules: VIP-3/SC/FLK50, Item No. 2315081 VIP-3/PT/FLK50, Item No. 2903794 FLKM 50/KDS 3-MT/PPA/AN/PLC, Item No. 2291587

# FLKM 50-PA-S400(3-48) - Front adapter

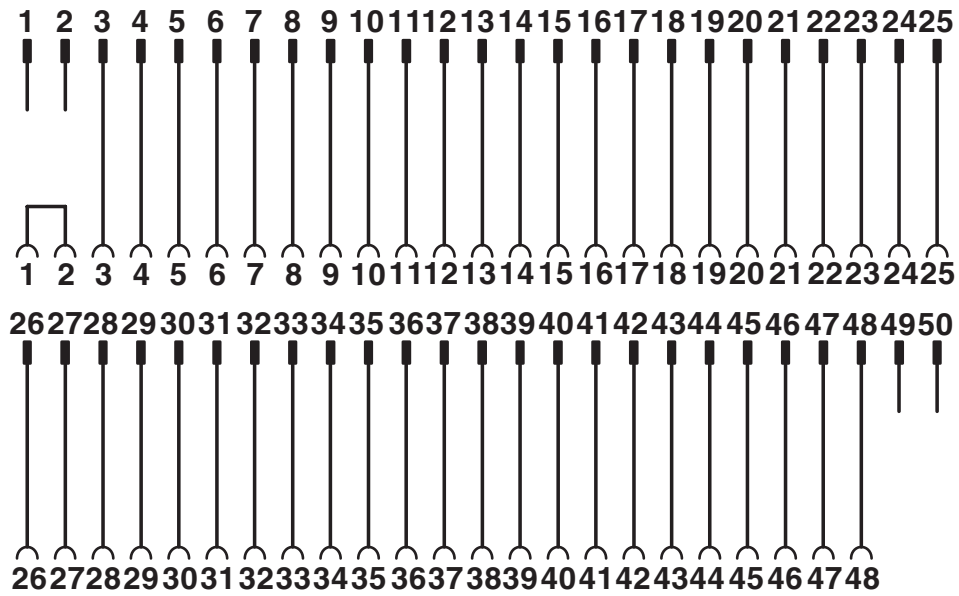


2294908

<https://www.phoenixcontact.com/us/products/2294908>

## Drawings

Circuit diagram



# FLKM 50-PA-S400(3-48) - Front adapter



2294908

<https://www.phoenixcontact.com/us/products/2294908>

## Classifications

### ECLASS

ECLASS-11.0	27242292
ECLASS-12.0	27242292
ECLASS-13.0	27242292

### ETIM

ETIM 9.0	EC002584
----------	----------

### UNSPSC

UNSPSC 21.0	32151600
-------------	----------

# FLKM 50-PA-S400(3-48) - Front adapter



2294908

<https://www.phoenixcontact.com/us/products/2294908>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	bf6805c3-0527-4c17-b93b-7490ff401f23

Phoenix Contact 2024 © - 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)