

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
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK231S
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: 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
Pitch	2.54 mm

Dimensions

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



2294908

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

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

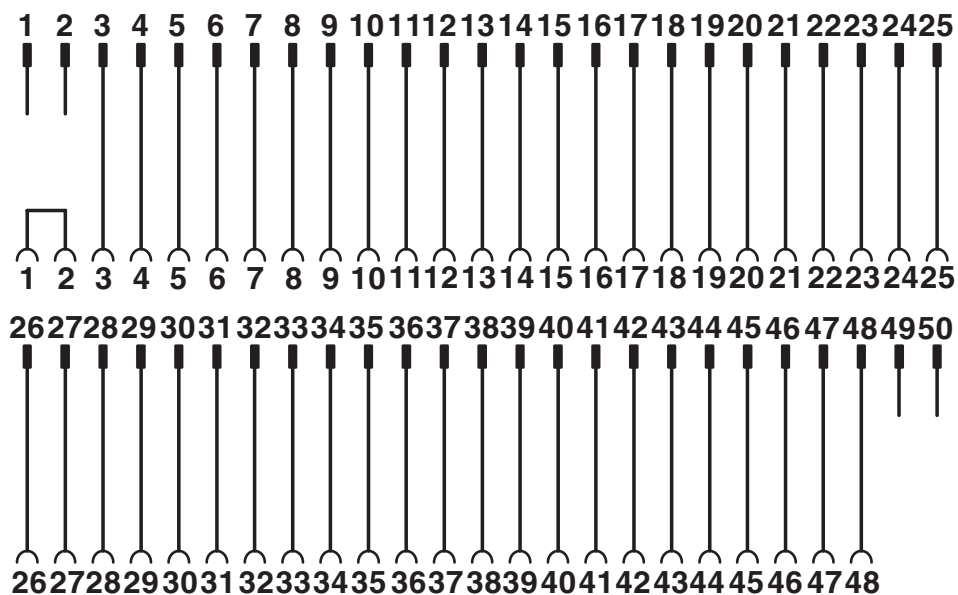


2294908

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

Drawings

Circuit diagram



Connection scheme FLKM 50-PA-S400 (3-48)

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



2294908

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

Classifications

ECLASS

ECLASS-13.0	27242292
ECLASS-15.0	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, No exemptions
---	--------------------

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.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - 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