

FLKM 50-PA/25/S7-1500 - Front adapter



1089346
<https://www.phoenixcontact.com/us/products/1089346>

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 SIMATIC® S7-1500 digital 25 mm modules, 1x 32 channels can be connected. The front adapters are plugged into the front connectors on the I/O modules, and once plugged in they can no longer be separated.

Commercial data

Item number	1089346
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C421
Product key	DK231S
GTIN	4055626891972
Weight per piece (including packing)	40 g
Weight per piece (excluding packing)	50 g
Customs tariff number	85366990
Country of origin	DE

FLKM 50-PA/25/S7-1500 - Front adapter



1089346

<https://www.phoenixcontact.com/us/products/1089346>

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 (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (per branch)	≤ 1 A
Current (per byte)	≤ 2 A

Air clearances and creepage distances

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

Supported controller SIEMENS S7-1500

Suitable I/O card	6ES7521-1BL10-0AA0
	6ES7522-1BL10-0AA0
	6ES7523-1BL00-0AA0

Connection data

Connection 1 (control level)

Connection method	Plug-in connection
Number of connections	1
Number of positions	40

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

Item dimensions

Width	12.71 mm
Height	118.55 mm

FLKM 50-PA/25/S7-1500 - Front adapter



1089346

<https://www.phoenixcontact.com/us/products/1089346>

Depth	27.75 mm
-------	----------

Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP20
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Approvals

UL, USA/Canada

Identification	UL 508 Recognized
----------------	-------------------

Standards and regulations

Air clearances and creepage distances

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

Mounting

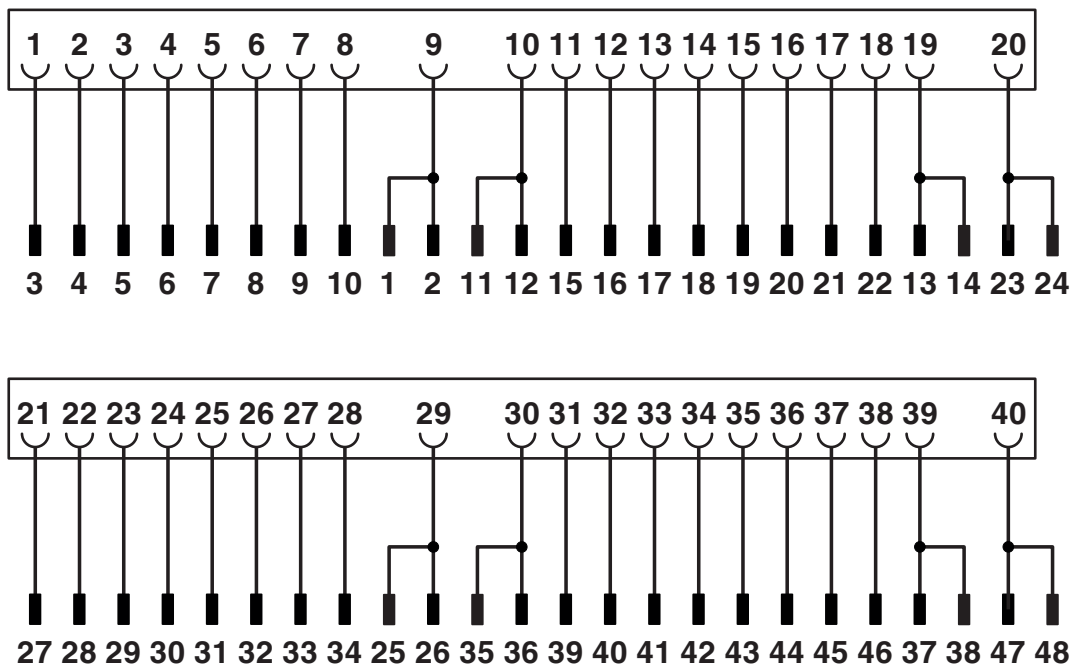
Mounting type	Plug-in mounting
Mounting position	any

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.
--------------------	--

Drawings

Circuit diagram



FLKM 50-PA/25/S7-1500 - Front adapter



1089346

<https://www.phoenixcontact.com/us/products/1089346>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1089346>



UL Listed

Approval ID: E238705



cUL Listed

Approval ID: E238705

FLKM 50-PA/25/S7-1500 - Front adapter



1089346

<https://www.phoenixcontact.com/us/products/1089346>

Classifications

ECLASS

ECLASS-13.0	27242292
ECLASS-15.0	27242292

ETIM

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

UNSPSC

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

FLKM 50-PA/25/S7-1500 - Front adapter



1089346
<https://www.phoenixcontact.com/us/products/1089346>

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 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