

FLKM 50-PA-S300/6J/SMKDS1 - Front adapter



2296414

<https://www.phoenixcontact.com/us/products/2296414>

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® S7-300, 1 x 32 channels can be connected, separate voltage supply via angled miniature PCB terminal blocks

Commercial data

Item number	2296414
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C429
Product key	DK2AMS
GTIN	4017918206284
Weight per piece (including packing)	62.1 g
Weight per piece (excluding packing)	36.3 g
Customs tariff number	85369010
Country of origin	DE

FLKM 50-PA-S300/6J/SMKDS1 - Front adapter



2296414

<https://www.phoenixcontact.com/us/products/2296414>

Technical data

Product properties

Product type	Front adapter
Insulation characteristics	
Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (AC)	≤ 25 V AC
Operating voltage (DC)	≤ 60 V DC
Current (Per path)	≤ 1 A
Current (per connection)	≤ 8 A (Feed-in via separate power supply)
Current (Total current per byte)	≤ 2 A (Feed-in via connector)
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 μs)

Supported controller SIEMENS S7-300 / ET 200 M

Suitable I/O card	CPU 313C
	CPU 313C-2DP
	CPU 313C-2PtP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7321-1BL00-0AA0
	6ES7322-1BL00-0AA0
	6ES7323-1BL00-0AA0
	6ES7331-1KF01-0AB0
	6ES7331-7NF00-0AB0
	6ES7331-7NF10-0AB0
	6ES7331-7PF01-0AB0
	6ES7331-7PF11-0AB0
	6ES7332-5HF00-0AB0
	6ES7350-2AH01-0AE0
	6ES7357-4AH01-0AE0

Connection data

Field level

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Pitch	2.54 mm

FLKM 50-PA-S300/6J/SMKDS1 - Front adapter



2296414

<https://www.phoenixcontact.com/us/products/2296414>

Supply

Connection method	Screw connection
Conductor cross-section rigid	0.14 mm ² ... 1.5 mm ²
Conductor cross-section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross-section AWG	26 ... 16

Dimensions

Item dimensions

Width	115 mm
Height	21.3 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 50 °C
Altitude	≤ 2000 m

Standards and regulations

Standards/regulations	DIN EN 50178: 1998-04
Standard designation	Air clearances and creepage distances

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

FLKM 50-PA-S300/6J/SMKDS1 - Front adapter



2296414

<https://www.phoenixcontact.com/us/products/2296414>

Classifications

ECLASS

ECLASS-13.0	27242292
-------------	----------

ETIM

ETIM 8.0	EC002584
----------	----------

UNSPSC

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

FLKM 50-PA-S300/6J/SMKDS1 - Front adapter



2296414
<https://www.phoenixcontact.com/us/products/2296414>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
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)

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