


## Front adapters - FLKM 50-PA-S300/6J/SMKDS1 - 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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

VARIOFACE front adapter, for Siemens SIMATIC® S7-300, 1 x 32 channels can be connected, separate voltage supply via angled miniature PCB terminal blocks

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 206284
GTIN	4017918206284

### Technical data

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
---------------------------------	------------------

#### General

Max. permissible operating voltage	< 50 V AC
	60 V DC
Max. permissible current	1 A (per path)
	8 A (per connection, supply via separate power supply)
Max. permissible total current	2 A (per Byte, for supply via connector)
Mounting position	any
Degree of protection	IP00

#### Connection data 1

Connection name	Controller level
Channels which can be connected	32

#### Connection data 2

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

#### Connection data 3

Connection name	Supply
Connection method	Screw connection

## Front adapters - FLKM 50-PA-S300/6J/SMKDS1 - 2296414

### Technical data

#### Connection data 3

Conductor cross section solid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section AWG	26 ... 16

#### Supported controller

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
	6ES7 321-1BL00-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 323-1BL00-0AA0
	6ES7 331-1KF01-0AB0
	6ES7 331-7NF00-0AB0
	6ES7 331-7NF10-0AB0
	6ES7 331-7PF01-0AB0
	6ES7 331-7PF11-0AB0
	6ES7 332-5HF00-0AB0
	6ES7 350-2AH01-0AE0
	6ES7 357-4AH01-0AE0

#### Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178: 1998-04
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 µs)
Insulation	Functional insulation
Degree of pollution	2
Overvoltage category	II

#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Approvals

#### Approvals

## Front adapters - FLKM 50-PA-S300/6J/SMKDS1 - 2296414

### Approvals

Approvals

EAC

---

Ex Approvals

---

### Approval details

EAC		RU C- DE.A*30.B.01742
-----	---	--------------------------

---

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>