

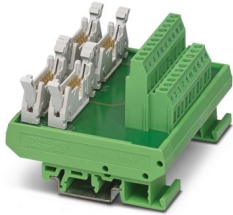
# FLKM-4FLK14/DI/S7-321/PLC - Passive module



2905691

<https://www.phoenixcontact.com/us/products/2905691>

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 interface module for Siemens SIMATIC® S7-300 (6AG1321-7BH01-2AB0), redundant system connector (FLK), with SIMATIC®-specific marking (1 - 20), screw connection, module width: 90 mm

## Commercial data

Item number	2905691
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C429
Product key	DK2A81
GTIN	4046356987042
Weight per piece (including packing)	175 g
Weight per piece (excluding packing)	175 g
Customs tariff number	85369010
Country of origin	DE

2905691

<https://www.phoenixcontact.com/us/products/2905691>

## Technical data

### Product properties

Product type	Interface module
Product family	VARIOFACE

#### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (DC)	≤ 30 V DC
Current (per branch)	≤ 0.5 A
Current (Voltage supply per byte)	≤ 1.5 A

#### Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 μs)

#### Supported controller: SIEMENS S7-300

Suitable I/O card	6AG1321-7BH01-2AB0
-------------------	--------------------

### Connection data

#### Connection 1 (control level)

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK pin strip
Number of connections	4
Number of positions	14
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

#### Connection 2 (field level)

Connection method	Screw connection
Stripping length	7 mm
Screw thread	M3
Number of positions	20
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule without plastic sleeve)
	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
Conductor cross-section flexible (2 conductors with same cross section)	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
	0.25 mm <sup>2</sup> ... 0.75 mm <sup>2</sup> (Ferrule without plastic sleeve)

# FLKM-4FLK14/DI/S7-321/PLC - Passive module



2905691

<https://www.phoenixcontact.com/us/products/2905691>

	0.5 mm <sup>2</sup> ... 0.5 mm <sup>2</sup> (TWIN ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 12
Tightening torque	0.5 Nm ... 0.6 Nm
Pitch	5.08 mm

## Signaling

Status display present	no
------------------------	----

## Dimensions

### Item dimensions

Width	90 mm
Height	77 mm
Depth	57.5 mm

## Material specifications

Color	green (RAL 6021)
-------	------------------

## Environmental and real-life conditions

### Ambient conditions

Degree of protection (Module)	IP00
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	DIN rail 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-4FLK14/DI/S7-321/PLC - Passive module



2905691

<https://www.phoenixcontact.com/us/products/2905691>

## Classifications

### ECLASS

ECLASS-13.0

27141152

### UNSPSC

UNSPSC 21.0

39121400

# FLKM-4FLK14/DI/S7-321/PLC - Passive module



2905691

<https://www.phoenixcontact.com/us/products/2905691>

## 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 2026 © - 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)