

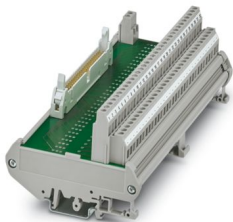
# FLKM 50/32M/DV - Passive module

2304869

<https://www.phoenixcontact.com/us/products/2304869>



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.



32-channel module without LED and 2-conductor connection; common negative potential (for Delta V controller cards)

## Your advantages

- These system-specific interface modules for DeltaV modules are used in combination with FLK 50/2FLK20/EZ-DR/.../DV system cables
- Can be used for 32-channel input and output cards

## Commercial data

Item number	2304869
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK21A2
Catalog page	Page 478 (C-5-2019)
GTIN	4017918981716
Weight per piece (including packing)	372.1 g
Weight per piece (excluding packing)	284.42 g
Customs tariff number	85369010
Country of origin	DE

# FLKM 50/32M/DV - Passive module

2304869

<https://www.phoenixcontact.com/us/products/2304869>



## Technical data

### Product properties

Product type	Interface module
Product family	VARIOFACE
Number of positions	50
No. of channels	32

### Insulation characteristics

Insulation	Functional insulation
------------	-----------------------

### 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
Current (per branch)	≤ 1 A
Current (Terminal block/terminal block)	≤ 5 A

### Air clearances and creepage distances

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

### Supported controller EMERSON DeltaV

Suitable I/O card	VE4001S2T2B5
	VE4002S1T2B6

### Output data

Nominal supply voltage	max. 60 V DC
Continuous load current	1 A

### Connection data

#### Connection 1 (control 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

#### Connection 2 (field level)

Connection method	Screw connection
-------------------	------------------

# FLKM 50/32M/DV - Passive module



2304869

<https://www.phoenixcontact.com/us/products/2304869>

Stripping length	8 mm
Screw thread	M3
Number of positions	64
Conductor cross section rigid	0.2 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12

## Connection 3 (supply)

Connection method	Screw connection
Number of connections	1
Number of positions	2
Conductor cross section rigid	0.2 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12

## Signaling

Status display present	No
------------------------	----

## Dimensions

### Item dimensions

Width	168.3 mm
Height	89.6 mm
Depth	65.8 mm

## Material specifications

Color	gray (RAL 7042)
Housing insulation material	PVC

## 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

## Approvals

### UKCA

Certificate	UKCA-compliant
-------------	----------------

## Standards and regulations

### Air clearances and creepage distances

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

# FLKM 50/32M/DV - Passive module



2304869

<https://www.phoenixcontact.com/us/products/2304869>

## Mounting

Mounting type	DIN rail mounting
Mounting position	any

## Notes

General	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 50/32M/DV - Passive module



2304869

<https://www.phoenixcontact.com/us/products/2304869>

## Classifications

### ECLASS

ECLASS-11.0	27141152
ECLASS-13.0	27141152
ECLASS-12.0	27141152

### ETIM

ETIM 9.0	EC002780
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# FLKM 50/32M/DV - Passive module



2304869

<https://www.phoenixcontact.com/us/products/2304869>

## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2024 © - 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)