

# FLKM 50/32P/4SILA/PLC - Termination board



2296443

<https://www.phoenixcontact.com/us/products/2296443>

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VARIOFACE module, with screw connection and flat-ribbon cable connector, 32-channel with 4 fuses and status display, for mounting on NS 35/7,5

## Product description

Passive module

## Commercial data

Item number	2296443
Packing unit	1 pc
Minimum order quantity	20 pc
Product key	DK2A81
GTIN	4017918332068
Weight per piece (including packing)	396.2 g
Weight per piece (excluding packing)	324.38 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
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#### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Max. permissible total current	1 A (per byte (via fuse))
Nominal voltage $U_N$	24 V DC
Max. current carrying capacity per branch	1 A

#### Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 $\mu$ s)

### Connection data

#### Field level

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 12

#### Controller level

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

### Signaling

Status display	LED (yellow)
Status display present	yes

### Dimensions

#### Item dimensions

Width	170 mm
Height	90 mm
Depth	76 mm

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## Material specifications

Color	green (RAL 6021)
Housing insulation material	PVC

## 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
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	DIN EN 50178: 1998-04
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## 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.
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## Classifications

### UNSPSC

UNSPSC 21.0	39121432
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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.)	Hexahydromethylphthalic anhydride(CAS: n/a)
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