

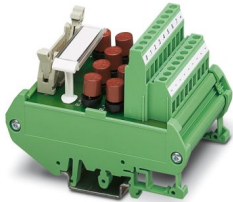
# FLKM 14/8M/SI/PLC-125MA - Passive module



5602974

<https://www.phoenixcontact.com/us/products/5602974>

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VARIOFACE module, for 8 channels, each with an additional terminal block and fuse per signal, (common minus potential)

## Your advantages

- Byte-by-byte labeling
- Negative connection per signal
- Can be used for digital I/O modules

## Commercial data

Item number	5602974
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C429
Product key	DK2BZA
GTIN	4046356686105
Weight per piece (including packing)	140.6 g
Weight per piece (excluding packing)	104 g
Customs tariff number	85369085
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
Number of positions	14
No. of channels	8

### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (DC)	60 V DC
Current (per branch)	≤ 125 mA
Current ( )	≤ 2 A

### Supported controller: ABB S800 I/O

Suitable I/O card	DO810
	DO840

### Supported controller: ALLEN-BRADLEY ControlLogix

Suitable I/O card	1756-IB32
	1756-OB32
	1756-IN16
	1756-IB16
	1756-IC16
	1756-OB16E

### Supported controller: ALLEN-BRADLEY PLC 5

Suitable I/O card	1771 IBN
	1771 OBN

### Supported controller: ALLEN-BRADLEY SLC 500

Suitable I/O card	1746 OB16
	1746 OV16
	1746 OG16
	1746 IA16
	1746 ITB16
	1746 IN16
	1746 IV16
	1746 ITV16
	1746 IG16
	1746 OB 32
	1746 OV 32
	1746 IB 32

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	1746 IV 32
	1746 IB16

Supported controller: GE-FANUC 90-30

Suitable I/O card	IC693 MDL241
	IC693 MDL634
	IC693 MDL645
	IC693 MDL646
	IC693 MDL732
	IC693 MDL733
	IC693 MDL740
	IC693 MDL741
	IC693 MDL742

Supported controller: GE-FANUC RX3i

Suitable I/O card	IC694MDL754
	IC694MDL660

Supported controller: HONEYWELL Experion PKS C200

Suitable I/O card	TC-IDD 321
	TC-ODD 321

Supported controller: MITSUBISHI MELSEC L

Suitable I/O card	LX41C4
	LX42C4
	LY41NT1P
	LY42NT1P
	LY41PT1P
	LY42PT1P

Supported controller: MITSUBISHI MELSEC Q

Suitable I/O card	QX81
	QY81P
	QX41
	QX41-S1
	QX42
	QX42-S1
	QX71
	QX72
	QY41P
	QY42P
	QY71
	QH42P
	QX82
	QX82-S1
	QY82P

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Supported controller: SIEMENS S7-300 / ET 200 M

Suitable I/O card	CPU 313C-2DP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7321-1BH02-0AA0
	6ES7321-1BL00-0AA0
	6ES7322-1BH01-0AA0
	6ES7322-1BL00-0AA0
	6ES7323-1BH01-0AA0
	6ES7323-1BL00-0AA0
	6ES7321-1BH10-0AA0
	6ES7322-1BH10-0AA0
	CPU 313C
	CPU 313C-2PtP

Supported controller: SCHNEIDER ELECTRIC Modicon TSX QUANTUM

Suitable I/O card	DDI 353
	DDI 853
	DAI 353
	DAI 453
	DDO 353

## Connection data

Field level

Connection in acc. with standard	IEC / EN
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
Pitch	2.54 mm

## Signaling

Status display	no
Status display present	no

## Dimensions

Item dimensions

Width	57 mm
Height	90 mm

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Depth	68 mm
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## Material specifications

Color	green (RAL 6021)
Housing insulation material	PVC

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

## Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

## Mounting

Mounting position	any
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## 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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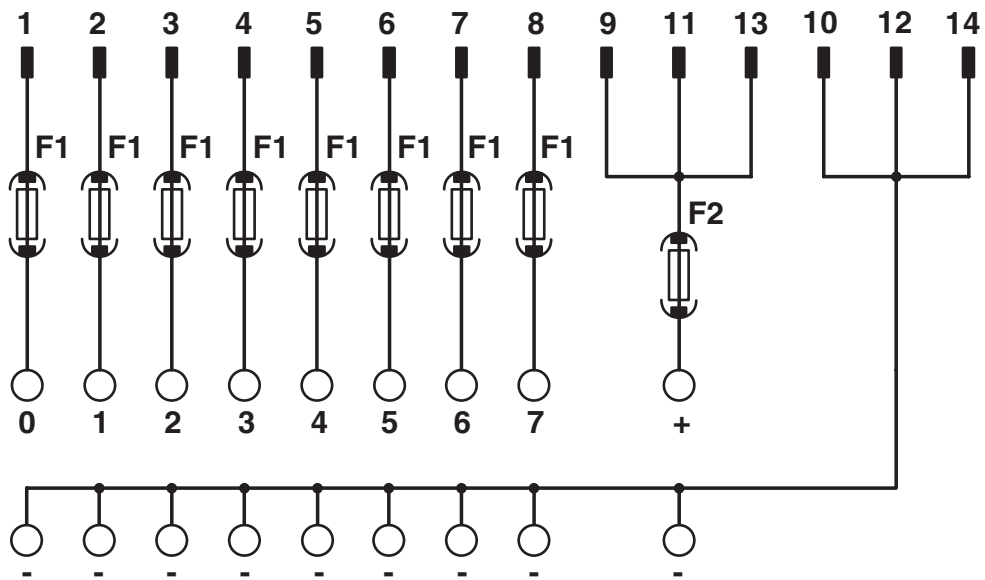


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## Drawings

Circuit diagram



Connection scheme: FLKM 14/8M/SI/PLC

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## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, Not qualified for the European market
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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.)	Lead(CAS: 7439-92-1)
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