

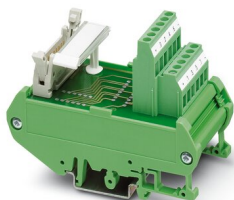
# Passive module - FLKM 14/PLC

2284581

<https://www.phoenixcontact.com/pc/products/2284581>

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VARIOFACE interface module for 8 channels



## Commercial Data

Item number	2284581
Packing unit	10 pc
Minimum order quantity	1 pc
Product Key	CK2162
Catalog Page	Page 196 (IF-2007)
GTIN	4017918055752
Weight per Piece (including packing)	89.66 g
Weight per Piece (excluding packing)	83.032 g
Customs tariff number	85369010
Country of origin	DE

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## Technical Data

### Product properties

Product type	Controller board
Number of positions	14
No. of channels	8

### Insulation characteristics

Overvoltage category	II
Pollution degree	2
Insulation	Functional insulation

### Electrical properties

No. of channels	8
Max. permissible operating voltage	25 V AC 60 V DC
Max. current carrying capacity per branch	1 A
Max. total current of voltage supply	3 A
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV

### Supported controller ABB S800 I/O

Suitable I/O card	DI810
	DI811
	DI814
	DI818
	DI830
	DI831
	DI840
	DO810
	DO814
	DO818
	DO840

### Supported controller SIEMENS S7-400

Suitable I/O card	6ES7421-1BL01-0AA0
	6ES7422-1BL00-0AA0
	6ES7422-7BL00-0AB0

### Supported controller GE-FANUC 90-30

Suitable I/O card	IC693 MDL241
	IC693 MDL634
	IC693 MDL645
	IC693 MDL646
	IC693 MDL732

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	IC693 MDL733
	IC693 MDL740
	IC693 MDL741
	IC693 MDL742

## 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
	1746 IV 32
	1746 IB16

## Supported controller HONEYWELL Experion PKS C200

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

## Supported controller MITSUBISHI MELSEC Q

Suitable I/O card	QX81
	QY81P

## Supported controller SCHNEIDER ELECTRIC Modicon TSX QUANTUM

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

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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

## 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 solid	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	14
Pitch	2.54 mm

## LED signaling

Status display	No
Status display present	No

## Dimensions

Width	45 mm
Height	90 mm
Depth	68 mm

## Material specifications

Housing insulation material	Polyamide 6.6 green
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## Environmental and real-life conditions

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## Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

## Approval data

### UKCA

Certificate	UKCA-compliant
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## Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

## Mounting

Mounting type	DIN rail mounting
Mounting position	any

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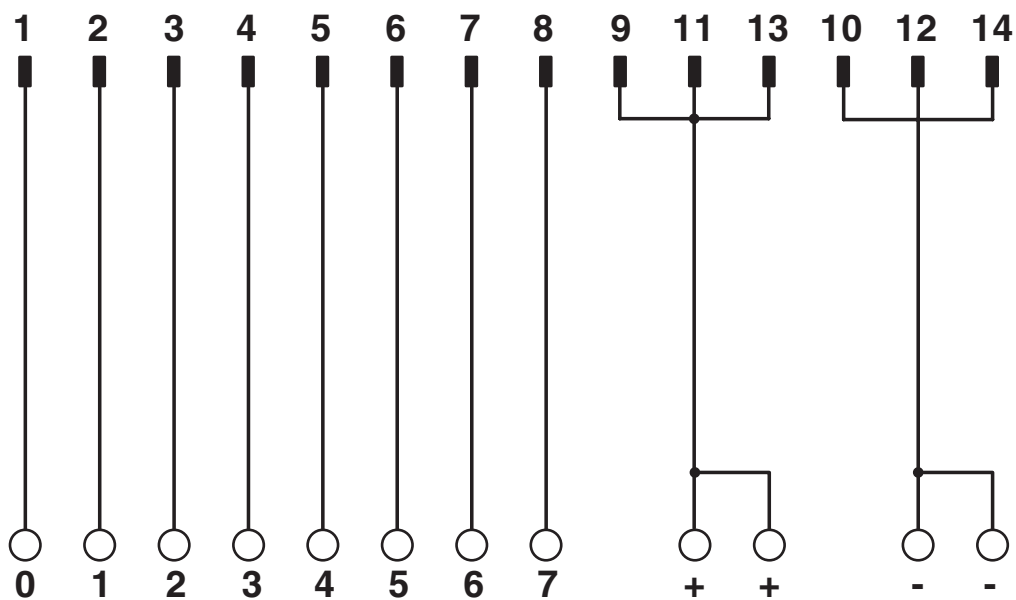


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## Drawings

Circuit diagram



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## Approvals

 <b>cUL Recognized</b> Approval ID: FILE E 238705				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
			-	-

 <b>UL Recognized</b> Approval ID: FILE E 238705				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
			-	-

**cULus Recognized**

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## Classifications

### ECLASS

ECLASS-9.0	27141152
ECLASS-10.0.1	27141152
ECLASS-11.0	27141152

### ETIM

ETIM 8.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental Product Compliance

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