

# VIP-2/SC/FLK16/ISP 8DI NAMUR - Passive module



2903873

<https://www.phoenixcontact.com/us/products/2903873>

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VARIOFACE Professional (VIP) module for Siemens ET200 ISP controllers. Interface to digital input card, 8 channel. 125 V AC/DC, 1 A rating.

## Your advantages

- Interface from field devices to digital input 6ES7131-7RF00-0AB0 card
- I/O marking for field wiring clearly identified when device is mounted
- Compact design reduces space requirements in the control cabinet
- A single, metal mounting foot allows easy installation and removal to the mounting rail
- Integrated ZB channel allows flexible marking of device

## Commercial data

Item number	2903873
Packing unit	160 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C423
Product key	DK2B11
GTIN	4046356827683
Weight per piece (including packing)	333.33 g
Weight per piece (excluding packing)	333.33 g
Customs tariff number	85369010
Country of origin	US

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## Technical data

### Product properties

Product type	Interface module
Product family	VARIOFACE Professional
Number of positions	16

### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (AC/DC)	60 V AC/DC
Current (per branch)	≤ 1 A

Supported controller: SIEMENS ET200 ISP

Suitable I/O card	6ES7131-7RF00-0AB0
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### Connection data

#### Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M 3
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	16
Pitch	2.54 mm

### Signaling

Status display	no
Status display present	no

### Dimensions

#### Item dimensions

Width	45 mm
Height	65.5 mm
Depth	56 mm

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## Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Housing insulation material	Polyamide PA non-reinforced

## Environmental and real-life conditions

### Ambient conditions

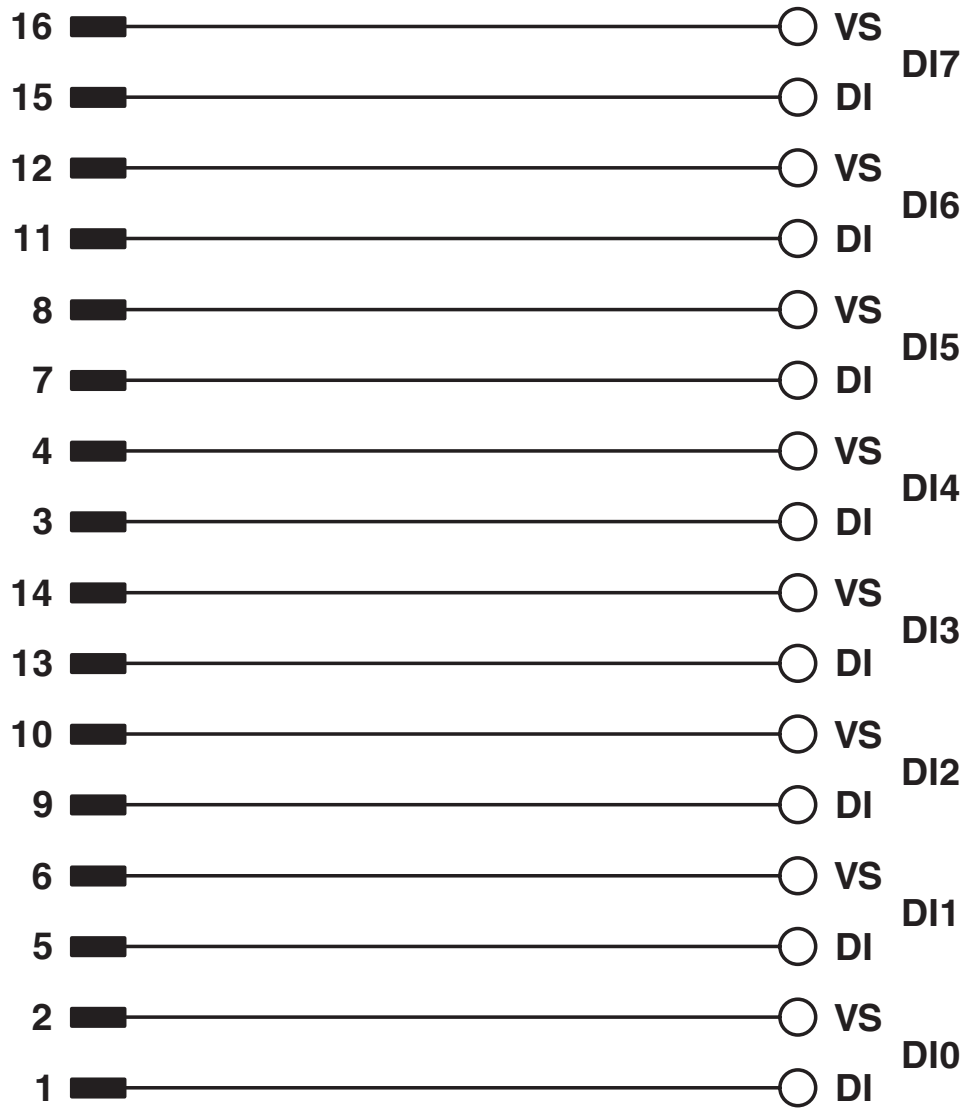
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	< 2000 m
Permissible humidity (operation)	90 %
Permissible humidity (storage/transport)	90 %

## 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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Drawings

Circuit diagram



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## Approvals

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 <b>CSA</b> Approval ID: 2122203				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	125 V	1 A	30 - 12	-

 <b>cUL Recognized</b> Approval ID: E238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	125 V	1 A	30 - 12	-

 <b>UL Recognized</b> Approval ID: E238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	125 V	1 A	30 - 12	-

 <b>CSAus</b> Approval ID: 2122203				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	125 V	1 A	30 - 12	-

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## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

### ETIM

ETIM 10.0	EC002780
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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-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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