

# VIP-3/SC/D25SUB/F - Termination board



2315188

<https://www.phoenixcontact.com/us/products/2315188>

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VARIOFACE module, with screw connection and D-SUB 25 socket connector, for mounting on NS 35 rails

## Your advantages

- 9-pos. ... 50-pos.
- Metal foot
- In accordance with IEC 60603-13
- Screw connection
- 1:1 connection
- In accordance with IEC 60603-13

## Commercial data

Item number	2315188
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C423
Product key	CK2112
Catalog page	Page 553 (C-5-2019)
GTIN	4046356313346
Weight per piece (including packing)	131.4 g
Weight per piece (excluding packing)	131.4 g
Customs tariff number	85366990
Country of origin	US

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## Technical data

### Product properties

Product type	Interface module
Product family	VARIOFACE Professional
Number of positions	25
No. of channels	2
	4
	8
	16

### Data management status

Article revision	10
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### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	25 V AC
	60 V DC
Max. current carrying capacity per branch	2 A
Rated surge voltage	1.2 kV

### Supported controller ABB S800 I/O

Suitable I/O card	DI810
	DI811
	DI814
	DI818
	DI830
	DI831
	DI840
	DI885
	DO810
	DO814
	DO818
	DO840
	DP820
	AI810
	AI815
	AI820
	AI830
	AI835
	AI845
	AO810

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	AO815
	AO820
	AO845

## 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
Tightening torque	0.5 Nm ... 0.6 Nm

### Controller level

Connection method	D-SUB socket strip
Number of connections	1
Number of positions	25

## Signaling

Status display	no
Status display present	No

## Dimensions

### Item dimensions

Width	57.4 mm
Height	69 mm
Depth	62 mm

## 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

## Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

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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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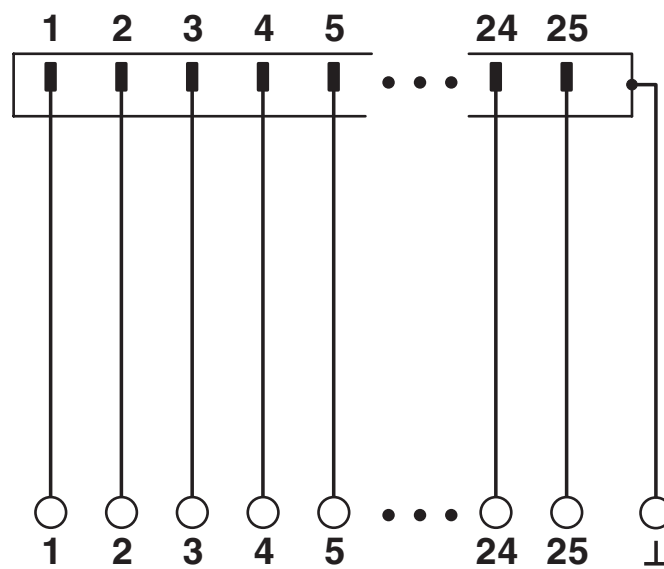
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## Drawings

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2315188>

 <b>CSA</b> Approval ID: 2122203				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	105 V	2 A	28 - 14	-

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

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

 <b>CSAus</b> Approval ID: 2122203				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	105 V	2 A	28 - 14	-

<b>cULus Recognized</b>				
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<b>cCSAus</b>				
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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

## EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

## 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)
SCIP	105ed03b-f13b-49fc-93b4-1b1d498da7e5