

# VIP-3/PT/PDM-2/24 - Potential distributors



2903798

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VARIOFACE module with push-in connection and two equipotential busbars (P1, P2) for potential distribution, for mounting on NS 35 rails. Module width: 57.1 mm

## Commercial data

Item number	2903798
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C423
Product key	CK24D1
Catalog page	Page 579 (C-5-2019)
GTIN	4046356796729
Weight per piece (including packing)	156 g
Weight per piece (excluding packing)	156 g
Customs tariff number	85369010
Country of origin	US

## Technical data

### Notes

General	Polyamide PA non-reinforced
General	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.

### Product properties

Product type	Potential distributor
Product family	VARIOFACE Professional
Potential connections	Per potential (P1, P2) 2 power/12 distributor terminal blocks

### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	250 V AC/DC
Max. current carrying capacity per branch	15 A
Max. total current of all branches	30 A (per potential)

### Input data

Potential connections	Per potential (P1, P2) 2 power/12 distributor terminal blocks
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### Connection data

#### Service Entrance

Connection method	Push-in connection
Stripping length	15 mm
Number of connections	2
Conductor cross section rigid	0.25 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross section flexible	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section AWG	24 ... 10

#### Distribution

Connection method	Push-in connection
Stripping length	8 mm
Number of connections	12
Number of positions	2
Conductor cross section rigid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	26 ... 14

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## Dimensions

Dimensional drawing	
Width	57.1 mm
Height	75.5 mm
Depth	63 mm

## Environmental and real-life conditions

### Ambient conditions

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

## Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

## Mounting

Mounting type	DIN rail mounting
Mounting position	any

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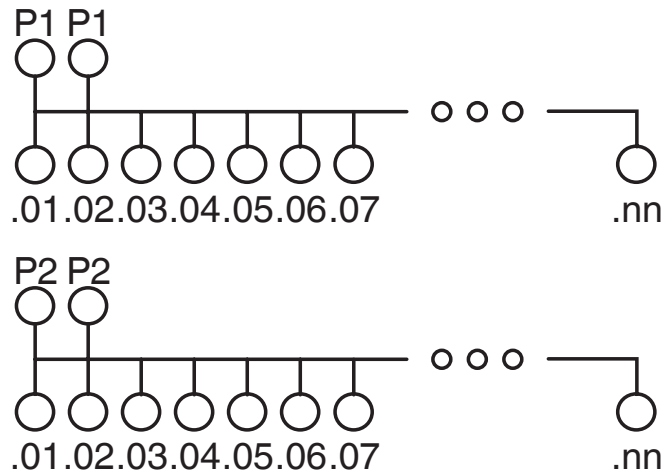
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## Drawings

Circuit diagram



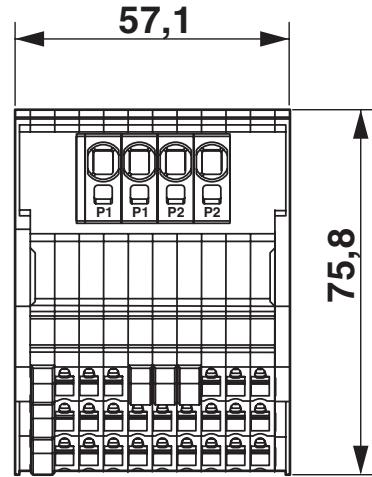
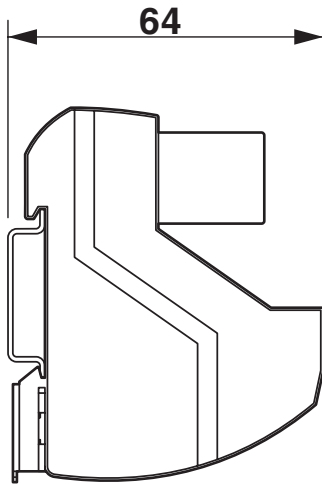
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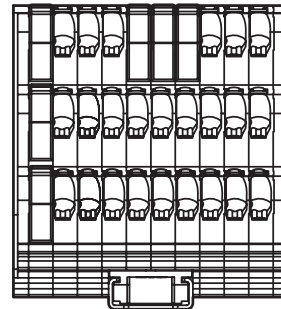
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Dimensional drawing



P2 .01 .02 .03 .04 .05 .06 .07 .08 .09 ← MIDDLE ROW MARKING

P1 .01 .02 .03 .04 .05 .06 .07 .08 .09 ← BOTTOM ROW MARKING



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2903798>



**CSA**

Approval ID: 2122203



**cUL Recognized**

Approval ID: FILE E 238705

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Output	250 V	15 A	26 - 14	-
Input	250 V	15 A	24 - 8	-



**UL Recognized**

Approval ID: FILE E 238705

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Output	250 V	15 A	26 - 14	-
Input	250 V	15 A	24 - 8	-



**EAC**

Approval ID: RU C-DE.BL08.B.00511

**cULus Recognized**

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## Classifications

### ECLASS

ECLASS-11.0	27400609
ECLASS-12.0	27400609
ECLASS-13.0	27400609

### ETIM

ETIM 9.0	EC001894
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
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