

# VIP-3/PT/PDM-2/16 - Potential distributors



2903797

<https://www.phoenixcontact.com/us/products/2903797>

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VARIOFACE module, with two equipotential busbars (P1, P2) for potential distribution, for mounting on NS 35 rails. Module width: 41.9 mm

## Commercial data

Item number	2903797
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C423
Product key	DK2124
GTIN	4046356796712
Weight per piece (including packing)	121.2 g
Weight per piece (excluding packing)	106 g
Customs tariff number	85369010
Country of origin	US

## Technical data

### Notes

Type of insulation housing	Polyamide PA non-reinforced
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.

### Product properties

Product type	Potential distributor
Product family	VARIOFACE Professional
Potential connections	Per potential (P1, P2) 2 power/8 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/8 distributor terminal blocks
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### Connection data

#### Feed-in

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	8
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	41.9 mm
Height	75.8 mm
Depth	63 mm

## Material specifications

Color	gray (RAL 7042)
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## 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	EN IEC 61010-2-201
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## Mounting

Mounting type	DIN rail mounting
Mounting position	any

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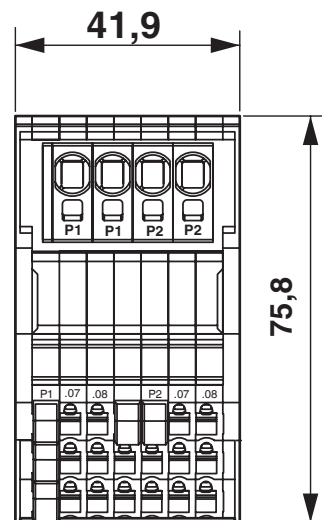
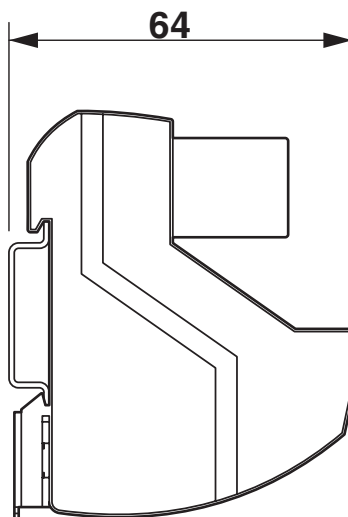


2903797

<https://www.phoenixcontact.com/us/products/2903797>

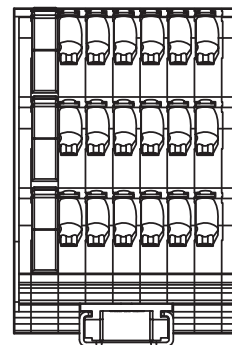
## Drawings

Dimensional drawing



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

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



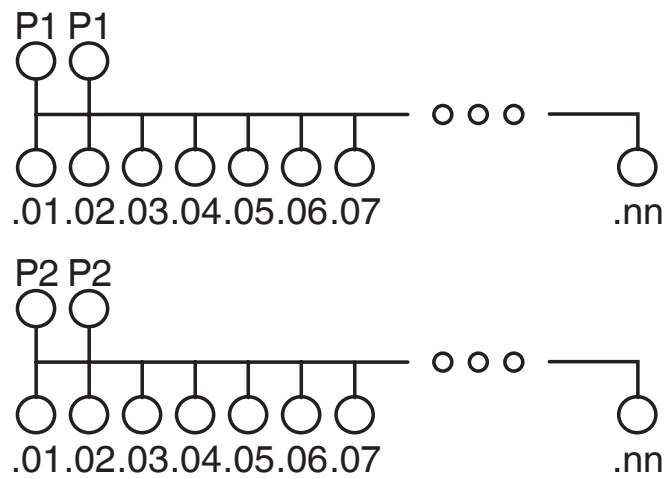
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Circuit diagram



# VIP-3/PT/PDM-2/16 - Potential distributors



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2903797>



**CSA**

Approval ID: 2122203



**cUL Recognized**

Approval ID: E238705

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



**UL Recognized**

Approval ID: E238705

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

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## Classifications

### ECLASS

ECLASS-13.0	27400609
ECLASS-15.0	27400609

### ETIM

ETIM 9.0	EC001894
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### UNSPSC

UNSPSC 21.0	39121400
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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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