

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



2903797

<https://www.phoenixcontact.com/pc/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
Product key	CK24D1
Catalog page	Page 579 (C-5-2019)
GTIN	4046356796712
Weight per piece (including packing)	125 g
Weight per piece (excluding packing)	121.2 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/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

Service Entrance

Connection method	Push-in connection
Stripping length	15 mm
Number of connections	2
Conductor cross section rigid	0.25 mm ² ... 6 mm ²
Conductor cross section flexible	0.25 mm ² ... 4 mm ²
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 ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ²
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	IEC 60664
	DIN EN 50178

Mounting

Mounting type	DIN rail mounting
Mounting position	any

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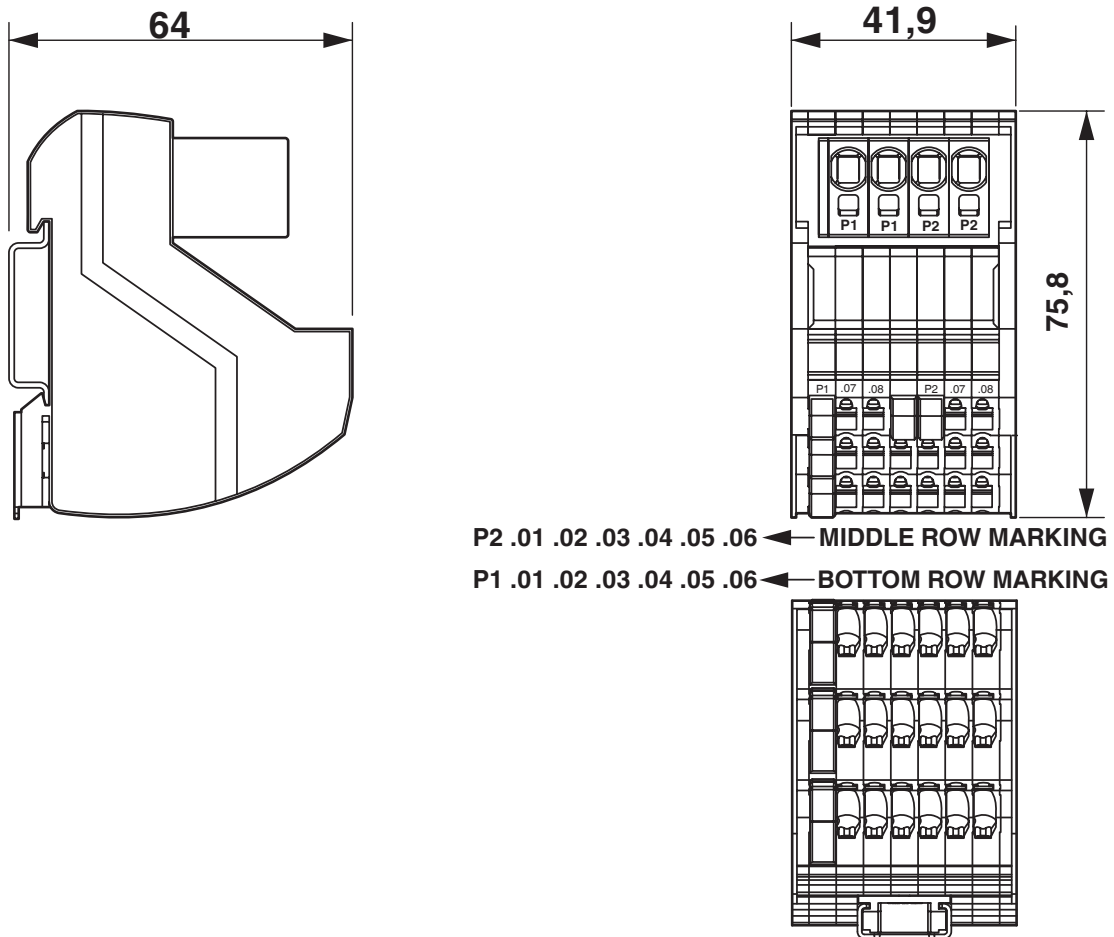


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Drawings

Dimensional drawing



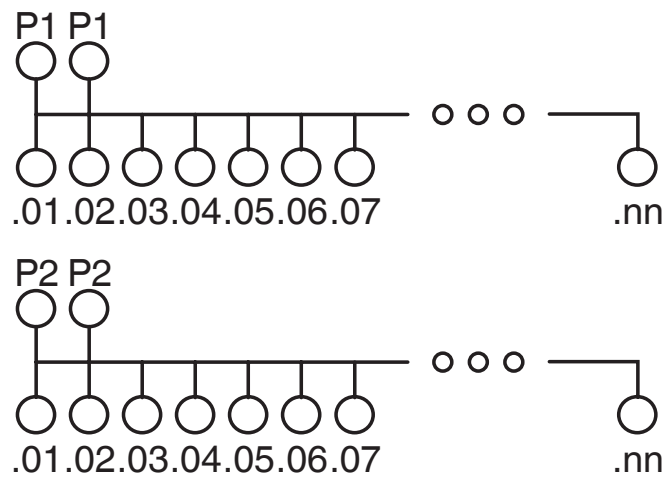
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Circuit diagram



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Approvals

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



CSA

Approval ID: 2122203



cUL Recognized

Approval ID: FILE E 238705

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section 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 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

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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