

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



2903798

<https://www.phoenixcontact.com/us/products/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	DK2124
GTIN	4046356796729
Weight per piece (including packing)	134.1 g
Weight per piece (excluding packing)	156 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/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

Feed-in

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

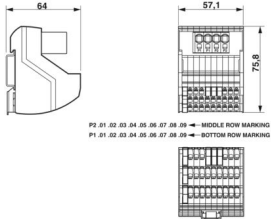
Distribution

Connection method	Push-in connection
Stripping length	8 mm
Number of connections	12
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	57.1 mm
Height	75.5 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

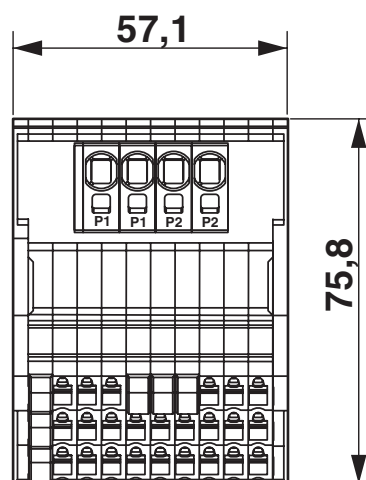
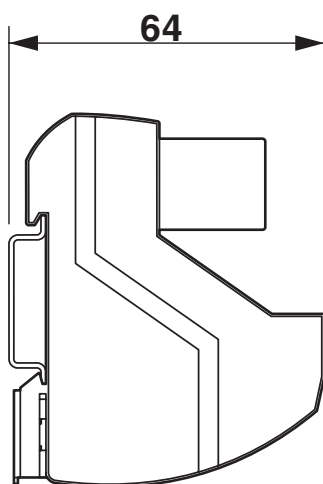
Standards/regulations	EN IEC 61010-2-201
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Mounting

Mounting type	DIN rail mounting
Mounting position	any

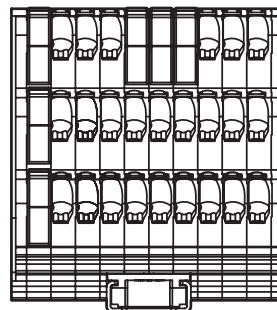
Drawings

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



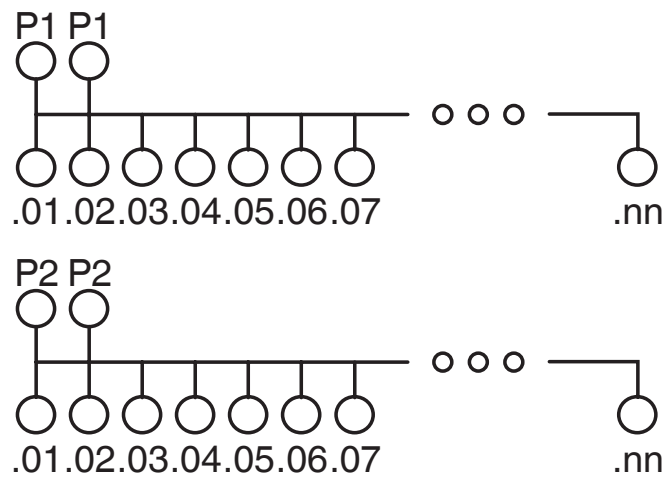
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Circuit diagram



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



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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: E238705

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section 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 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
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%