

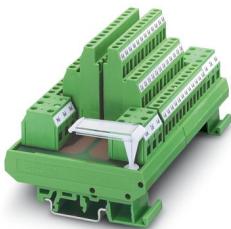
# UMK- PVB 6 - Potential distributors

2972136

<https://www.phoenixcontact.com/us/products/2972136>



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VARIOFACE module, with six equipotential busbars (P1, P2, P3, P4, P5, P6) for potential distribution, for mounting on NS 35/7.5 or NS 32

## Your advantages

- Consecutive numbering
- Separate supply
- Two potential levels

## Commercial data

Item number	2972136
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C422
Product key	DK2184
GTIN	4017918088613
Weight per piece (including packing)	385 g
Weight per piece (excluding packing)	385 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Notes

Notes on operation	The necessary requirements for insulation (basic insulation or reinforced insulation) from adjacent modules (in DIN-rail direction) must be realized by applying suitable measures (e. g., partition plates).
Notes on operation	Ensure that the supply voltage of the device has a common reference potential.
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
Potential connections	Per potential (P1...P6) 2 power/12 distributor terminal blocks

### Insulation characteristics

Insulation	Functional insulation
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	250 V AC/DC
Max. current carrying capacity per branch	16 A
Max. total current of all branches	16 A (per potential)
Rated insulation voltage	250 V
Rated surge voltage	2.5 kV

### Input data

Potential connections	Per potential (P1...P6) 2 power/12 distributor terminal blocks
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### Connection data

Feed-in	
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of connections	6
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 10

Distribution	
Connection method	Screw connection

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Stripping length	8 mm
Screw thread	M3
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

## Dimensions

Width	124 mm
Height	77 mm
Depth	71 mm

## Material specifications

Color	green (RAL 6021)
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## Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

## Standards and regulations

Standards/regulations	EN 60664-1
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## Mounting

Mounting type	DIN rail mounting
Mounting position	any

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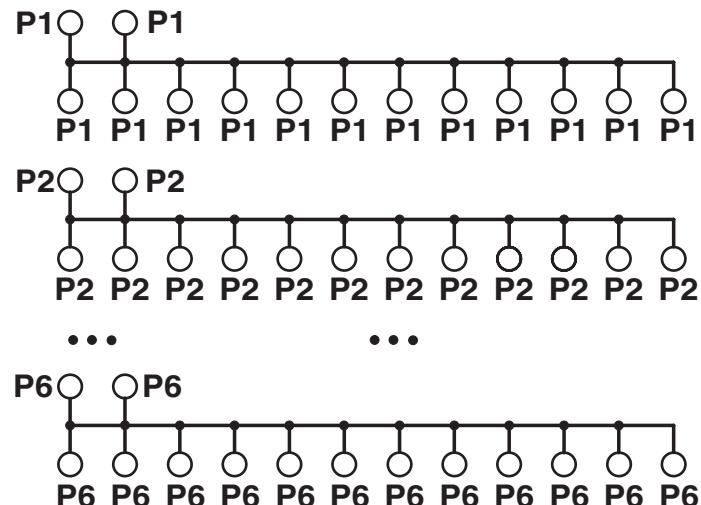
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## Drawings

## Circuit diagram



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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2972136>



**EAC**

Approval ID: RU\*DE.\*09.B.00387/20

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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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