

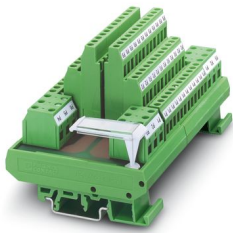
UMK- PVB 6 - Potential distributors



2972136

<https://www.phoenixcontact.com/sg/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
Sales key	0811*
Product key	CK2184
Catalog page	Page 599 (C-5-2017)
GTIN	4017918088613
Weight per piece (including packing)	385 g
Weight per piece (excluding packing)	385 g
Customs tariff number	85369010
Country of origin	DE

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

Data management status

Article revision	07
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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 ² ... 6 mm ²
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section AWG	24 ... 10

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Distribution

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
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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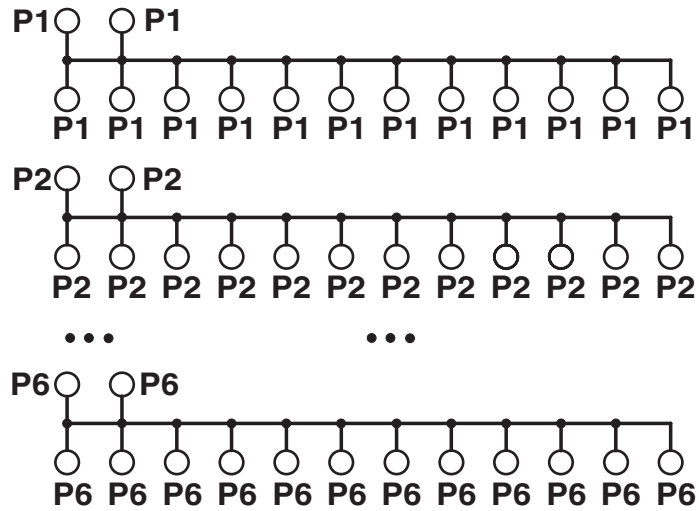
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Drawings

Circuit diagram



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Approvals

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



EAC

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

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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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