

# UMK- PVB 2/16/ZFKDS - Potential distributors

2302353

<https://www.phoenixcontact.com/us/products/2302353>



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VARIOFACE module, with two equipotential busbars (P1, P2) for potential distribution, for mounting on NS 32 or on NS 35/7.5

## Your advantages

- Consecutive numbering
- Separate supply
- Two potential levels

## Commercial data

Item number	2302353
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	DK2184
GTIN	4017918880552
Weight per piece (including packing)	113.3 g
Weight per piece (excluding packing)	84.37 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

#### Insulation characteristics

Insulation	Functional insulation
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	250 V AC/DC
Max. current carrying capacity per branch	17 A
Max. total current of all branches	32 A (per potential)
Rated insulation voltage	260 V
Rated surge voltage	2.3 kV

### Connection data

#### Feed-in

Connection method	Spring-cage connection
Stripping length	8 mm
Number of connections	2
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	Spring-cage connection
Stripping length	8 mm
Number of connections	16
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

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## Dimensions

Width	45 mm
Height	77 mm
Depth	51.5 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 IEC 61010-2-201
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## Mounting

Mounting type	DIN rail mounting
Mounting position	any

# UMK- PVB 2/16/ZFKDS - Potential distributors

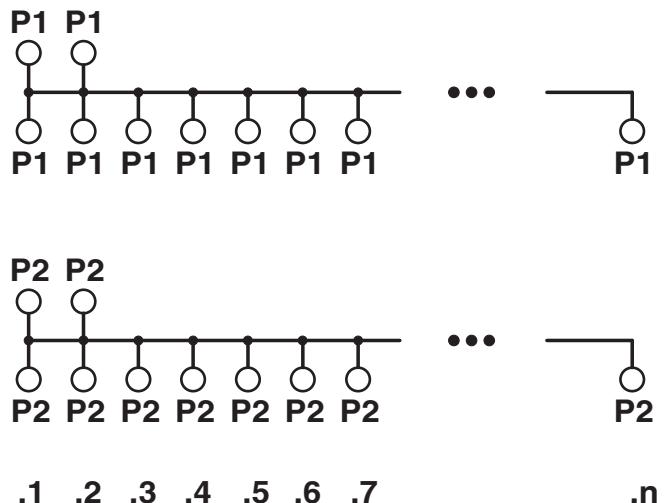
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## Drawings

Circuit diagram



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## Approvals

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cUL Recognized		Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine		250 V	10 A	-	-

UL Recognized		Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine		250 V	10 A	-	-

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

## 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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