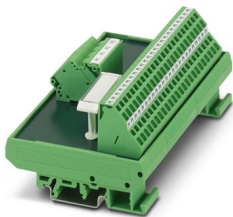


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VARIOFACE module, with two equipotential busbars (P1, P2) for potential distribution, for mounting on NS 35/7.5 or NS 32

Your advantages

- Consecutive numbering
- Separate supply
- Two potential levels

Commercial data

Item number	2302382
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CK2272
Catalog page	Page 323 (IF-2011)
GTIN	4017918880507
Weight per piece (including packing)	229.6 g
Weight per piece (excluding packing)	184.17 g
Customs tariff number	85369010
Country of origin	DE

# UMK- PVB 2/48/ZFKDS - Potential distributors



2302382

<https://www.phoenixcontact.com/pc/products/2302382>

## Technical data

### Notes

General	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).
General	Ensure that the supply voltage of the device has a common reference potential.
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

#### Insulation characteristics

Insulation	Functional insulation
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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	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

#### Service Entrance

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	48
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>

# UMK- PVB 2/48/ZFKDS - Potential distributors



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<https://www.phoenixcontact.com/pc/products/2302382>

Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12

## Dimensions

Width	135 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 60664-1
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## Mounting

Mounting type	DIN rail mounting
Mounting position	any

# UMK- PVB 2/48/ZFKDS - Potential distributors

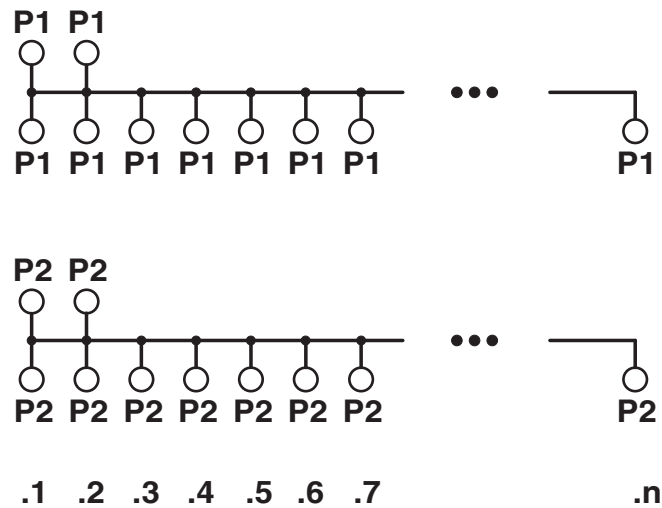
2302382

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## Drawings

Circuit diagram



# UMK- PVB 2/48/ZFKDS - Potential distributors



2302382

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/2302382>



**cUL Recognized**  
Approval ID: FILE E 238705



**UL Recognized**  
Approval ID: FILE E 238705



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



**UL Recognized**  
Approval ID: FILE E 238705



**EAC**  
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**cUL Recognized**  
Approval ID: FILE E 238705

# UMK- PVB 2/48/ZFKDS - Potential distributors



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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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# UMK- PVB 2/48/ZFKDS - Potential distributors



2302382

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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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