

UMK-PVB 2/ 8/50A/8XSI - Potential distributors



2311823

<https://www.phoenixcontact.com/us/products/2311823>

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8-channel potential distributor module, with 6.3 A fuses each. Monitoring of the redundant 24 V voltage supply, message in case of voltage failure per relay contact.

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2311823 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C429 |
| Product key | DK2A84 |
| GTIN | 4046356321624 |
| Weight per piece (including packing) | 361 g |
| Weight per piece (excluding packing) | 359 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

Technical data

Notes

| | |
|--------------------|--|
| 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: Air clearances and creepage distances

| | |
|----------------------|------------------|
| Insulation | Basic insulation |
| Overvoltage category | II |
| Pollution degree | 2 |

Electrical properties

| | |
|---|---------|
| Nominal voltage U_N | 24 V DC |
| Max. current carrying capacity per branch | 6.3 A |

Air clearances and creepage distances

| | |
|--------------------------|--------|
| Rated insulation voltage | 50 V |
| Rated surge voltage | 0.5 kV |

Connection data

Feed-in

| | |
|----------------------------------|--|
| Connection method | Screw connection |
| Stripping length | 12 mm |
| Number of connections | 2 |
| Conductor cross-section rigid | 0.5 mm ² ... 16 mm ² |
| Conductor cross-section flexible | 0.5 mm ² ... 10 mm ² |
| Conductor cross-section AWG | 20 ... 6 |

Distribution

| | |
|----------------------------------|---|
| Connection method | Screw connection |
| Stripping length | 7 mm |
| Number of connections | 8 |
| 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 | 160 mm |
| Height | 74 mm |

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| | |
|-------|-------|
| Depth | 60 mm |
|-------|-------|

Material specifications

| | |
|-------|------------------|
| Color | green (RAL 6021) |
|-------|------------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -20 °C ... 50 °C |
|---------------------------------|------------------|

Standards and regulations

Air clearances and creepage distances

| | |
|-----------------------|----------|
| Standards/regulations | EN 50178 |
|-----------------------|----------|

Mounting

| | |
|-------------------|-------------------|
| Mounting type | DIN rail mounting |
| Mounting position | any |

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Classifications

ECLASS

ECLASS-13.0

27400609

ETIM

ETIM 9.0

EC001894

UNSPSC

UNSPSC 21.0

39121400

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Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 7(a) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|---|
| REACH candidate substance (CAS No.) | Hexahydromethylphthalic anhydride(CAS: n/a) |
| | Lead(CAS: 7439-92-1) |

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