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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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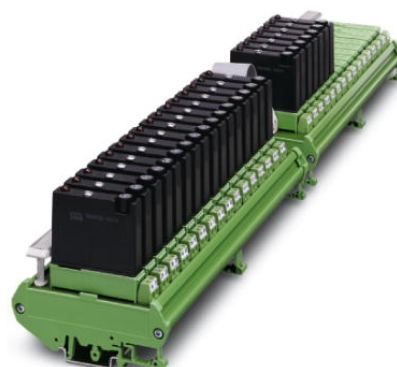
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



UMK-16 OM/AMSC/E/PLC

Order No.: 2976734

The illustration shows version UMK-16 OM/AMSC/PLC (incl. relays)




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2976734>

VARIOFACE output expansion module, for 16 channels, with plug-in sockets for Generation 4 solid-state relays from OPTO 22



Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 089443 |
| Note | Made-to-order |
| sales group | I641 |
| Pack | 1 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 257 (IF-2009) |

Product notes

WEEE/RoHS-compliant since:
09/05/2006



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Input data

| | |
|-----------------------------|--------------------------------------|
| Nominal input voltage U_N | 24 V DC |
| Type of protection | Protection against polarity reversal |
| Operating voltage display | Green LED |

Output data

| | |
|--|---------------------------------------|
| Contact type | 1 N/O contact |
| Maximum switching voltage | 250 V AC/DC |
| Limiting continuous current | 6 A |
| Nominal supply voltage | 250 V AC/DC (data is module-specific) |
| Continuous load current | 6 A |
| Status display | Yes |
| Error detection (line break / short-circuit) | no |

General data

| | |
|---|--|
| No. of channels | 16 |
| Compatible components | Solid-state relay, Generation 4 from OPTO 22 |
| With components | No |
| Width | 259 mm |
| Height | 90 mm |
| Depth | 87 mm |
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Test voltage | 4 kV (50 Hz, 1 min.) |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| | IEC 62103 |
| Mounting position | Any |
| Pollution degree | 2 |
| Surge voltage category | III |
| Housing insulation material | PVC, side panel PA non-reinforced, |
| Color | green |

Connection data

| | |
|------------------------------------|--|
| Connection 1 | Input |
| Type of connection | Flat-ribbon cable plug connector in acc. with IEC 60603-13 |
| Number of positions | 20 |
| Connection 2 | Output |
| Type of connection | Screw connection |
| Number of positions | 2 |
| Conductor cross section solid min. | 0.14 mm ² |

| | |
|--|----------------------|
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 14 |
| Screw thread | M3 |
| Stripping length | 6 mm |

Certificates / Approvals



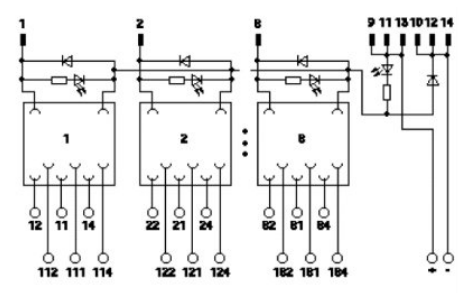
Certification CUL, GOST, UL

Additional products

| Item | Designation | Description |
|----------------|--------------------|---|
| General | | |
| 2976721 | UMK-16 OM/AMSC/PLC | VARIOFACE output module, for 16 channels, with plug-in sockets for generation 4 solid-state relays from OPTO 22 |

Diagrams/Drawings

Circuit diagram



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