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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!



## Contact us

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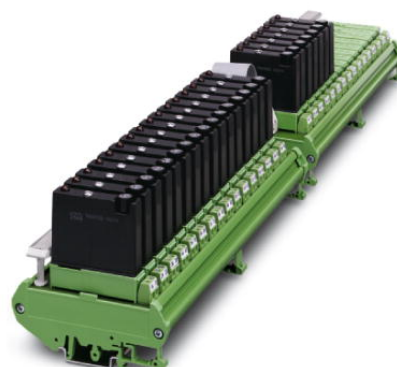
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# UMK-16 OM/AMSC/PLC

Order No.: 2976721




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2976721>

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



## Commercial data

GTIN (EAN)	 4 017918 089436
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:  
04/14/2008



<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
Error detection (line break / short-circuit)	no

#### General data

No. of channels	16 32
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	50
Connection 2	Output
Type of connection	Screw connection
Number of positions	2
Conductor cross section solid min.	0.14 mm <sup>2</sup>

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

**Certificates / Approvals**



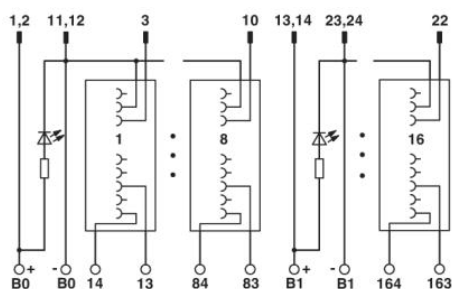
Certification CUL, GOST, UL

**Additional products**

Item	Designation	Description
<b>General</b>		
2976734	UMK-16 OM/AMSC/E/PLC	VARIOFACE output expansion 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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