



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

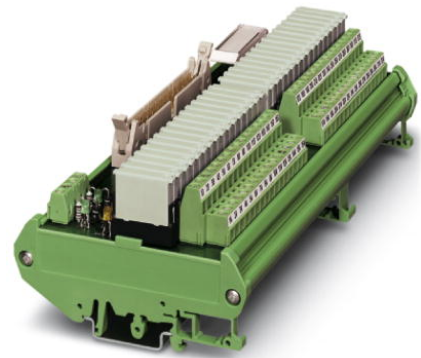
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



UMK-32 RM/MR-G24/1/PLC

Order No.: 2979472



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2979472>

VARIOFACE output module, with 32 miniature relays, 1 N/O contact each, plugged, for 24 V DC (incl. relay)



Commercial data

GTIN (EAN)	 4 017918 130367
Note	Made-to-order
sales group	I640
Pack	1 pcs.
Customs tariff	85364190
Catalog page information	Page 248 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
10/09/2006



<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
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	6.5 mA
Typical response time	5 ms

Typical release time	15 ms
Type of protection	Free-wheeling diode
Protective circuit/component	Damping diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

Output data

Contact type	1 N/O contact (double contact)
Contact material	AgNi, 5 µm hard gold-plated
Maximum switching voltage	250 V AC 125 V DC
Minimum switching voltage	5 V
Limiting continuous current	3 A
Maximum inrush current	5 A
Min. switching current	1 mA
Interrupting rating (ohmic load) max.	72 W (24 V DC) 60 W (48 V DC) 50 W (60 V DC) 50 W (110 V DC) 750 VA (250 V AC)
Error detection (line break / short-circuit)	no

General data

No. of channels	32
Compatible components	Miniature relay, REL-MR-G 24/1
With components	Yes
Width	202 mm
Height	90 mm
Depth	58 mm
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Test voltage	3 kV AC
Test voltage relay winding/relay contact	3 kV AC
Mechanical service life	2 x 10 ⁷ cycles

Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Operating mode	100% operating factor
Mounting position	Any
Assembly instructions	In rows with zero spacing
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	6
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	16
Screw thread	M3
Stripping length	6 mm

Certificates / Approvals



Certification

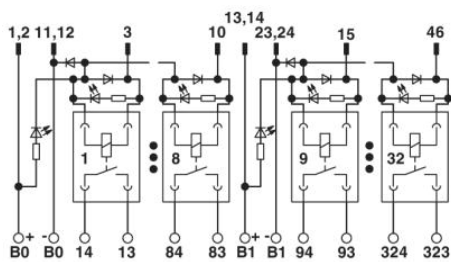
CUL, GOST, UL

Additional products

Item	Designation	Description
General		
2968373	UM-32 RM/RT-G24/21/PLC	Varioface output module, with 32 miniature relays, 1 PDT, plugged, for 24 V DC (incl. relay)

Diagrams/Drawings

Circuit diagram



Address

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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