

## Excellent Integrated System Limited

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Extract from the online catalog

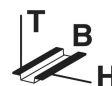
## UM- 8 RM/RT-G24/21/PLC

Order No.: 2968386




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2968386>

Varioface output module, with 8 miniature relays, 1 PDT, plugged, for 24 V DC (incl. relay)



<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.

### Commercial data

GTIN (EAN)	 4 017918 917494
Note	Made-to-order
sales group	I640
Pack	1 pcs.
Customs tariff	85364190
Catalog page information	Page 249 (IF-2009)

### Technical data

#### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.85 ... 1.1
Typical input current at $U_N$	18 mA
Typical response time	8 ms
Typical release time	10 ms
Type of protection	Free-wheeling diode
Protective circuit/component	Damping diode

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Operating voltage display	Green LED
Status display/channel	Yellow LED

**Output data**

Contact type	Single contact, 1-PDT
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	12 V AC/DC
Limiting continuous current	5 A
Min. switching current	100 mA
Interrupting rating (ohmic load) max.	120 W (at 24 V DC) 58 W (for 48 V DC) 48 W (for 60 V DC) 50 W (for 110 V DC) 80 W (for 220 V DC) 1250 VA (for 250 V AC)
Error detection (line break / short-circuit)	no

**General data**

No. of channels	8
Compatible components	Miniature switching relay, REL-KSR-G24/21
With components	Yes
Width	80 mm
Height	123 mm
Depth	68 mm
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Test voltage	2.5 kV (50 Hz, 1 min.)
Mechanical service life	3 x 10 <sup>7</sup> 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

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Surge voltage category	III
Housing insulation material	PVC, side panel PA non-reinforced,
Color	green

**Connection data**

Connection 1	Coil side
Type of connection	Flat-ribbon cable plug connector in acc. with IEC 60603-13
Number of positions	14
Connection 2	Contact side
Type of connection	Screw connection
Number of positions	3
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Screw thread	M3
Stripping length	8 mm

**Certificates / Approvals**

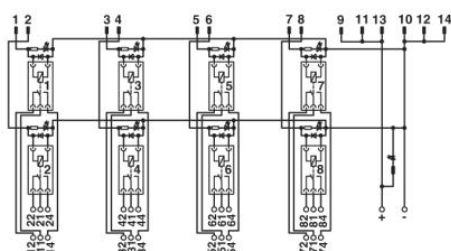


Certification

CUL, UL

**Diagrams/Drawings**

Circuit diagram



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