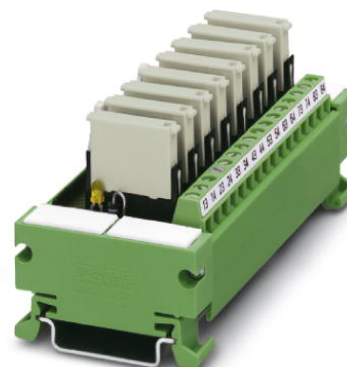


UM 45- 8RM/MR-G24/1/PLC

Order No.: 2962900



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2962900>

VARIOFACE COMPACT LINE, output module with 8 miniature relays,
1 N/O contact each, plugged, for 24 V DC (incl. relay)



Commercial data

GTIN (EAN)	 4 017918 087500
Note	Made-to-order
sales group	I640
Pack	1 pcs.
Customs tariff	85364190
Catalog page information	Page 268 (IF-2011)

Product notes

WEEE/RoHS-compliant since:
05/17/2011



[http://
www.download.phoenixcontact.com](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)

General data

No. of channels	8
Compatible components	Miniature relay, REL-MR-G 24/1
With components	Yes
Width	103 mm
Height	45 mm
Depth	50 mm
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Test voltage	2 kV AC (50 Hz, 1 min.)
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	Coil side
Connection method	Flat-ribbon cable plug connector in acc. with IEC 60603-13
Number of positions	14
Connection 2	Contact side
Connection method	Screw connection
Number of positions	3
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	8 mm

Certificates / Approvals



Certification

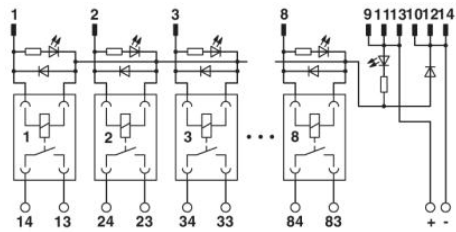
GOST

Accessories

Item	Designation	Description
General		
2961037	REL-MR-G 24/1	Pluggable replacement miniature relay, 1 N/O contact, input voltage 24 V DC

Diagrams/Drawings

Circuit diagram



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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