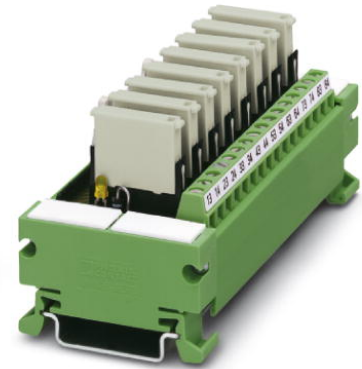




Extract from the online catalog

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)



<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	
EAN	4017918087500
Pack	1 pcs.
Customs tariff	85364190
Weight/Piece	0.1404 KG
Catalog page information	Page 246 (IF-2009)

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
Name of protection	Free-wheeling diode
Protective circuit/component	Damping diode
Operating voltage display	LED green
Status display/channel	Yellow LED

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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	50 mm
Depth	45 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)
Service life mechanical	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

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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.	0.14 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

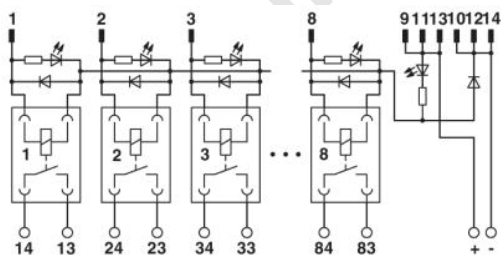


Certification

GOST

Drawings

Circuit diagram



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