

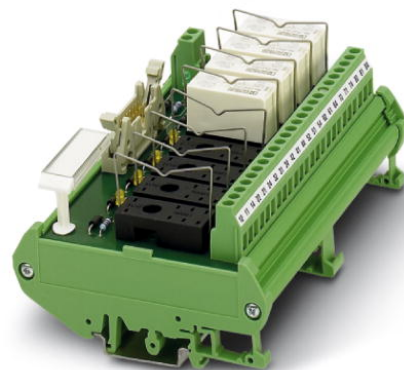


Extract from the online
catalog

UMK- 8 RM/KSR-G 24/21/PLC

Order No.: 2979485

The illustration shows version UMK- 8RM/KSR-G 24/21/PLC (incl. 8 relays)



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2979485>

VARIOFACE output module, with 8 miniature relays, 1 PDT each,
plugged, for 24 V DC (including relays)



Commercial data

GTIN (EAN)	4017918130350
sales group	I640
Pack	1 pcs.
Customs tariff	85364190
Weight/Piece	0.372 KG
Catalog page information	Page 250 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
08/24/2006



<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 $\pm 10\%$
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	23 mA
Typical response time	9 ms

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Typical release time	10 ms
Name of protection	Free-wheeling diode
Protective circuit/component	Damping diode
Operating voltage display	LED green
Status display/channel	Yellow LED

Output data

Contact type	1 PDT
Contact material	AgCdO
Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 A
Maximum inrush current	6 A
Interrupting rating (ohmic load) max.	120 W (24 V DC, $\tau = 0$ ms)
	60 W (48 V DC, $\tau = 0$ ms)
	50 W (60 V, $t = 0$ ms)
	50 W (110 V DC, $\tau = 0$ ms)
	65 W (220 V DC, $\tau = 0$ ms)
	1250 VA (250 V AC, $\tau = 0$ ms)

General data

No. of channels	8
Compatible components	Miniature relay, REL-MR- 24DC/21HC
With components	Yes
Width	135 mm
Height	68 mm
Depth	90 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)
Test voltage input/output	2.5 kV AC
Service life mechanical	3 x 10 ⁷ cycles
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Mounting position	Any
Assembly instructions	In rows with zero spacing

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Housing insulation material	PVC
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
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Screw thread	M3
Stripping length	8 mm

Certificates / Approvals

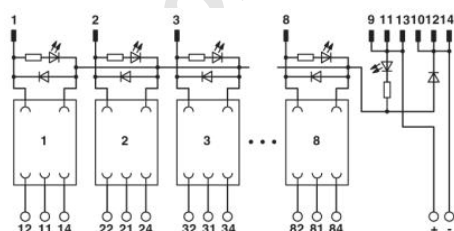


Certification

CUL Listed, UL Listed

Diagrams/Drawings

Circuit diagram



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