

Active module - UMK- 8 RM/MR-G24/ 1/PLC - 2979469

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

Product Features

- ✔ Narrow design width of just 55 mm (8 channels) or 202 mm (32 channels)
- ✔ LED status indicator per signal path and supply voltage
- ✔ Universal applications from 1 mA to 3 A continuous current thanks to 2-layer double contact with hard gold plating
- ✔ Freewheeling and polarity protection diode for each signal path
- ✔ Plug-in miniature relays each with an N/O contact



Key commercial data

package_quantity	1
GTIN	4017918130374

Technical data

Note:

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	56 mm
Height	90 mm
Depth	58 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

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

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Input data

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
Maximum switching voltage	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)
Interrupting rating (ohmic load) max.	60 W (48 V DC)
Interrupting rating (ohmic load) max.	50 W (60 V DC)
Interrupting rating (ohmic load) max.	50 W (110 V DC)
Interrupting rating (ohmic load) max.	750 VA (250 V AC)
Error detection (line break / short-circuit)	no

General

No. of channels	8
Compatible components	Miniature relay, REL-MR-G 24/1
With components	Yes
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
Standards/regulations	DIN EN 50178
Standards/regulations	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 for connection 1

Connection name	Coil side
Number of connections	1
Connection method	IDC/FLK pin strip (2.54 mm)

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Connection data for connection 1

Number of positions	14
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Connection data for connection 2

Connection name	Contact side
Number of connections	18
Connection method	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	14
Screw thread	M3
Stripping length	6 mm

Supported controller

Corresponding control	SIEMENS S7-400
Corresponding I/O card	6ES7 422-1BL00-0AA0
Corresponding I/O card	6ES7 422-7BL00-0AB0
Corresponding control	GE-FANUC 90-30
Corresponding I/O card	IC693 MDL732
Corresponding I/O card	IC693 MDL740
Corresponding I/O card	IC693 MDL742
Corresponding control	ALLEN-BRADLEY ControlLogix
Corresponding I/O card	1756-OB32
Corresponding I/O card	1756-OB16E
Corresponding control	ALLEN-BRADLEY PLC 5
Corresponding I/O card	1771 OBN
Corresponding control	ALLEN-BRADLEY SLC 500
Corresponding I/O card	1746 OB16
Corresponding I/O card	1746 OB 32
Corresponding control	HONEYWELL PlantScape
Corresponding I/O card	TC-ODD 321
Corresponding control	MITSUBISHI MELSEC Q
Corresponding I/O card	QY81P
Corresponding control	SIEMENS S7-300 / ET 200 M
Corresponding I/O card	CPU 313C-2DP
Corresponding I/O card	CPU 314C-2DP
Corresponding I/O card	CPU 314C-2PtP
Corresponding I/O card	6ES7 322-1BH01-0AA0
Corresponding I/O card	6ES7 322-1BL00-0AA0

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Corresponding I/O card	6ES7 323-1BH01-0AA0
Corresponding I/O card	6ES7 323-1BL00-0AA0
Corresponding I/O card	CPU 313C
Corresponding I/O card	CPU 313C-2PtP
Corresponding control	ABB S800 I/O
Corresponding I/O card	DO810
Corresponding I/O card	DO840
Corresponding control	Emerson DeltaV
Corresponding I/O card	VE4002S1T1B3
Corresponding I/O card	VE4002S1T2B3
Corresponding I/O card	VE4002S1T2B3 Series 2
Corresponding I/O card	VE4002S1T2B6
Corresponding control	GE-FANUC RX3i
Corresponding I/O card	IC694MDL754
Corresponding control	MITSUBISHI MELSEC L
Corresponding I/O card	LY41PT1P
Corresponding I/O card	LY42PT1P

classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

UNSPSC

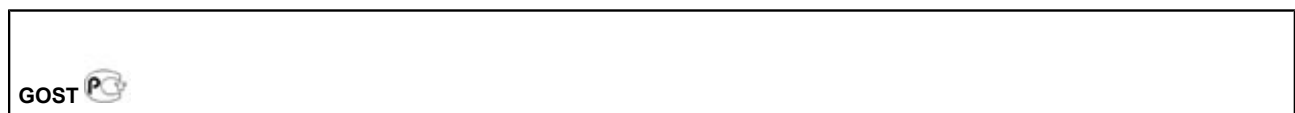
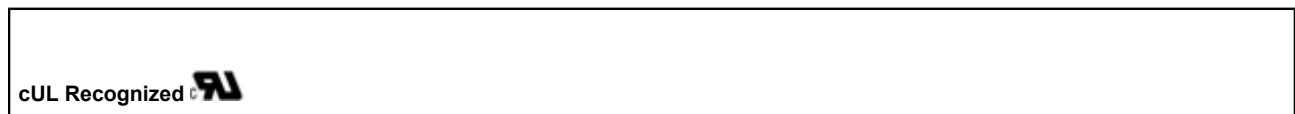
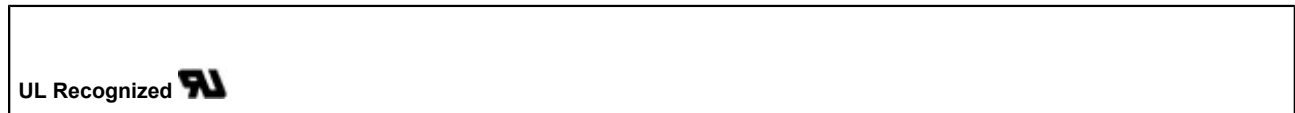
UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

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approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized /

Approval details



Drawings

Circuit diagram

