

## Multiple relay module - UMK- 4 RM 24 - 2971344


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VARIOFACE module, for 4 plug-in miniature relays or miniature optocouplers, with LED, 24 V AC/DC input voltage



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 088330
GTIN	4017918088330

### Technical data

#### Note

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

Width	67.5 mm
Height	77 mm
Depth	59 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 AC/DC $\pm 10\%$
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical input current at $U_N$	2 mA
Type of protection	Bridge rectifier
Protective circuit/component	Bridge rectifier
Status display/channel	Yellow LED

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### Output data

Contact type	1 PDT
Maximum switching voltage	250 V AC/DC
Limiting continuous current	6 A
Maximum inrush current	8 A
Error detection (line break / short-circuit)	no

### General

No. of channels	4
Compatible components	Miniature relays or miniature optocouplers
With components	no
Degree of protection	IP20
Mounting position	any
Assembly instructions	In rows with zero spacing
Color	green

### Connection data for connection 1

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12
Number of connections	1
Number of positions	6

### Connection data for connection 2

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12
Number of connections	12
Number of positions	3

### Standards and Regulations

Standards/regulations	DIN EN 50178
	IEC 60664
Rated insulation voltage	260 V AC
Rated surge voltage	4 kV (Basic insulation between output contact current paths)
	6 kV (Safe isolation and reinforced insulation between input circuit and output contact paths)
Degree of pollution	2

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### Standards and Regulations

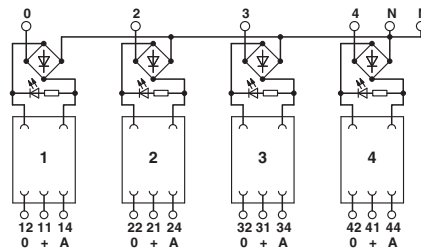
Overvoltage category	III
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Circuit diagram



## Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		RU C- DE.A*30.B.01082
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