

## Multiple relay module - UMK- 4 RM 60DC - 2972851

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VARIOFACE module, for 4 plug-in miniature relays or miniature optocouplers, with LED, 48 - 60 V DC input voltage

The illustration shows a version for 4 pluggable miniature switching relays or miniature optocouplers



### Key commercial data

Packing unit	1 pc
GTIN	 4 017918 088804
Weight per Piece (excluding packing)	166.0 GRM
Custom tariff number	85364190
Country of origin	Germany

### 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

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## Technical data

### Input data

Nominal input voltage $U_N$	48 V DC (up to 60 V DC)
Input voltage range in reference to $U_N$	0.65 ... 1.1
Typical input current at $U_N$	2 mA (Light indicator)
Type of protection	Free-wheeling diode
Protective circuit/component	Damping diode
Operating voltage display	Yellow LED
Status display/channel	Yellow LED

### Output data

Contact type	1 PDT
Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 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
Color	green
Standards/regulations	DIN EN 50178
	IEC 60664
	IEC 62103
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)
Pollution degree	2
Surge voltage category	III

### Connection data for connection 1

Connection name	Input
Number of connections	2
Connection method	Screw connection
Number of positions	8
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>

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## Technical data

### Connection data for connection 1

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Screw thread	M3
Stripping length	8 mm

## 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	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC001456

### UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121543
UNSPSC 11	39121543
UNSPSC 12.01	39121543
UNSPSC 13.2	39121543

## Approvals

### Approvals

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Approvals

GOST

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## Approvals

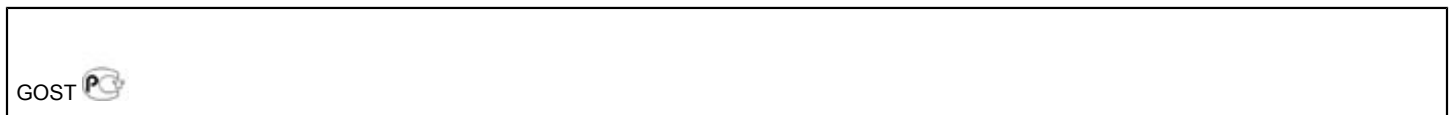
Ex Approvals

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Approvals submitted

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Approval details



## Drawings

Circuit diagram

