

# UMK 22-REL 48/21 - Relay module



5542725

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VARIOFACE relay module, fixed, 1PDT



UMK 22 REL 24 VAC/21-21 shown

## Your advantages

- Safe isolation between coil and contact side

## Commercial data

Item number	5542725
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C420
Product key	DK6165
GTIN	4046356686488
Weight per piece (including packing)	33.33 g
Weight per piece (excluding packing)	33.33 g
Customs tariff number	85364190
Country of origin	US

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## Technical data

### Product properties

Product type	Relay Module
Application	Universal
Operating mode	100% operating factor
Mechanical service life	1x 10 <sup>7</sup> cycles

### Data management status

Date of last data management	12.09.2025
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### Electrical properties

Test voltage (Winding/contact)	5 kV (50/60 Hz, 1 min., winding/contact)
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### Input data

#### Coil side

Nominal input voltage $U_N$	48 V DC
Typical input current at $U_N$	16.6 mA
Typical response time	15 ms
Typical release time	5 ms
Protective circuit	Freewheeling diode
Operating voltage display	LED

### Output data

#### Switching

Contact switching type	1 changeover contact
Contact material	AgCdO
Maximum switching voltage	250 V AC (30 V DC)
Minimum switching voltage	5 V (at 100 mA)
Limiting continuous current	10 A
Min. switching current	100 mA (At 5 V)

### Connection data

#### Coil side

Connection method	Screw connection
Stripping length	7 mm
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section AWG	30 ... 14

#### Contact side

Connection method	Screw connection
Stripping length	7 mm

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Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section AWG	30 ... 14

## Dimensions

Width	22.5 mm
Height	77 mm
Depth	50 mm

## Material specifications

Color	green (RAL 6021)
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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

## Mounting

Assembly note	in rows with zero spacing
Mounting position	any

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## Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	
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	No substance above 0.1 wt%
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