

# UMK 22-REL 12/21-21 - Relay module



5542741

<https://www.phoenixcontact.com/us/products/5542741>

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VARIOFACE relay module, fixed, 2PDT



UMK 22 REL 24 VAC/21-21 shown

## Your advantages

- Safe isolation between coil and contact side

## Commercial data

Item number	5542741
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C460
Product key	DK61Y2
GTIN	4046356684217
Weight per piece (including packing)	33.33 g
Weight per piece (excluding packing)	33.33 g
Customs tariff number	85364190
Country of origin	US

## Technical data

### Notes

#### Trade restriction

CE note	The products are offered exclusively for export outside the EU and the European Economic Area.
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### 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	01.04.2026
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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 $U_N$	12 V DC
Typical input current at $U_N$	54 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	2 changeover contacts
Contact material	AgCdO
Maximum switching voltage	250 V AC (30 V DC)
Minimum switching voltage	5 V (at 10 mA)
Limiting continuous current	5 A
Min. switching current	10 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>

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Conductor cross-section AWG	30 ... 14
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## Contact 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

## Dimensions

### Item 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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## Classifications

### ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

### ETIM

ETIM 9.0	EC001437
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, Not qualified for the European market
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### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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