

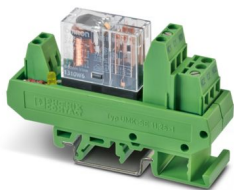
# UMK 22-REL 120/21-21 - Relay module



5543216  
<https://www.phoenixcontact.com/us/products/5543216>

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VARIOFACE relay module, fixed, 2PDT



## Your advantages

- Safe isolation between coil and contact side

## Commercial data

Item number	5543216
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C460
Product key	CK61Y2
GTIN	4046356685931
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

### 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	21.05.2024
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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 <sub>N</sub>	120 V AC
Typical input current at U <sub>N</sub>	10 mA
Typical response time	15 ms
Typical release time	10 ms
Operating voltage display	Yellow 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>
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

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-11.0	27371601
ECLASS-12.0	27371601
ECLASS-13.0	27371601

### ETIM

ETIM 9.0	EC001437
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
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.)	No substance above 0.1 wt%