

# UMK 22 REL 120/21-ST - Active module

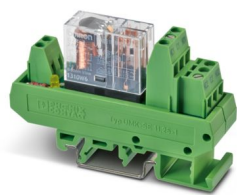


5520705

<https://www.phoenixcontact.com/us/products/5520705>

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VARIOFACE relay module, pluggable, 1PDT



## Your advantages

- Safe isolation between coil and contact side

## Commercial data

Item number	5520705
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C460
Product key	CK61Y2
GTIN	4046356685269
Weight per piece (including packing)	99.99 g
Weight per piece (excluding packing)	99.99 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.

### 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

### Electrical properties

#### Test voltage (Winding/contact)

5 kV (50/60 Hz, 1 min., winding/contact)

### Input data

#### Coil side

##### Nominal input voltage $U_N$

120 V AC

##### Typical input current at $U_N$

9 mA

##### Typical response time

15 ms

##### Typical release time

5 ms

##### Operating voltage display

Yellow LED

### Output data

#### Switching

##### Contact switching type

1 changeover contact

##### Contact material

AgCdO

##### Maximum switching voltage

250 V AC (30 V DC)

##### Limiting continuous current

10 A

### 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

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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%