

# UMK-45/REL/KUEP-ST-24DC/1-EHC - Active module



5601742

<https://www.phoenixcontact.com/us/products/5601742>

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VARIOFACE relay base for KUEP-style relay



## Your advantages

- Safe isolation between coil and contact side

## Commercial data

Item number	5601742
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C460
Product key	DK61Y2
GTIN	4046356060585
Weight per piece (including packing)	196.1 g
Weight per piece (excluding packing)	2.73 g
Customs tariff number	85364900
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>5</sup> cycles

#### Data management status

Date of last data management	01.04.2026
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### Electrical properties

Test voltage (Winding/contact)	2.2 kV (50 Hz, 1 min., winding/contact)
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### Input data

#### Coil side

Nominal input voltage $U_N$	24 V DC
Typical input current at $U_N$	55 mA
Typical response time	15 ms
Typical release time	10 ms
Protective circuit	Freewheeling diode
Operating voltage display	LED

### Output data

#### Switching

Contact switching type	1 N/O contact
Contact material	Silver cadmium oxide (AgCdO)
Maximum switching voltage	150 V DC
Limiting continuous current	10 A

### Connection data

#### Coil side

Connection method	Screw connection
Stripping length	8 mm
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section AWG	30 ... 10

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## Contact side

Connection method	Screw connection
Stripping length	8 mm
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section AWG	30 ... 10

## Dimensions

### Item dimensions

Width	45 mm
Height	77 mm
Depth	85.5 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 10.0	EC001437
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### UNSPSC

UNSPSC 21.0	39122300
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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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