

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



5601742

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

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

## 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>5</sup> cycles

#### Data management status

Date of last data management	01.04.2026
------------------------------	------------

### Electrical properties

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

### 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

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



5601742

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

## 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)
-------	------------------

## 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

5601742

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

## Classifications

### ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

### ETIM

ETIM 10.0	EC001437
-----------	----------

### UNSPSC

UNSPSC 21.0	39122300
-------------	----------

5601742

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

## Environmental product compliance

### EU RoHS

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

### 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)
-------------------------------------	----------------------

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)