

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

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 ⁵ cycles

Data management status

Date of last data management	12.09.2025
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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 ² ... 4 mm ²
Conductor cross-section flexible	0.2 mm ² ... 4 mm ²
Conductor cross-section AWG	30 ... 10

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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 9.0	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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