

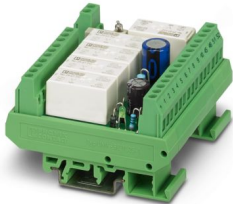
UMK- 5 REL/KSR- 24/230/KRK-5S - Relay module



2973643

<https://www.phoenixcontact.com/us/products/2973643>

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.



Customer-specific relay module, with plug-in bases for five miniature switching relays

Commercial data

Item number	2973643
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	DK61Y1
GTIN	4017918117566
Weight per piece (including packing)	220.133 g
Weight per piece (excluding packing)	214.95 g
Country of origin	DE

UMK- 5 REL/KSR- 24/230/KRK-5S - Relay module



2973643

<https://www.phoenixcontact.com/us/products/2973643>

Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
----------	---

Product properties

Product type	Relay Module
Mechanical service life	3×10^7 cycles

Insulation characteristics: Air clearances and creepage distances, input/output

Insulation	Reinforced insulation
Overvoltage category	III
Pollution degree	2

Insulation characteristics: Air clearances and creepage distances, output K10-K13

Insulation	Basic insulation
Overvoltage category	III
Pollution degree	2

Electrical properties

Air clearances and creepage distances, input/output

Rated insulation voltage	260 V
Rated surge voltage	6 kV (1.2/50 μ s)

Air clearances and creepage distances, output K10-K13

Rated insulation voltage	260 V
Rated surge voltage	4 kV (1.2/50 μ s)

Input data

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.9 ... 1.1
Input voltage range	21.6 V DC ... 26.4 V DC

Output data

Switching

Contact switching type	Single contact, 1 changeover contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Limiting continuous current	6 A (Limited by the width of the conductive paths in the output)
Minimum switching power	3000 VA

Connection data

UMK- 5 REL/KSR- 24/230/KRK-5S - Relay module



2973643

<https://www.phoenixcontact.com/us/products/2973643>

Input

Connection method	Screw connection
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section AWG	24 ... 12

Output

Connection method	Screw connection
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section AWG	24 ... 12

Dimensions

Width	79 mm
Height	78 mm
Depth	45 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 50 °C
Altitude	≤ 2000 m

Standards and regulations

Air clearances and creepage distances, input/output

Standards/regulations	DIN EN 50178: 1998-04
-----------------------	-----------------------

Air clearances and creepage distances, output K10-K13

Standards/regulations	DIN EN 50178: 1998-04
-----------------------	-----------------------

Mounting

Mounting type	DIN rail mounting
Mounting position	any

UMK- 5 REL/KSR- 24/230/KRK-5S - Relay module



2973643

<https://www.phoenixcontact.com/us/products/2973643>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2973643>



EAC

Approval ID: RU*C-DE.*08.B.00010

UMK- 5 REL/KSR- 24/230/KRK-5S - Relay module



2973643

<https://www.phoenixcontact.com/us/products/2973643>

Classifications

ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

ETIM

ETIM 9.0	EC001437
----------	----------

UNSPSC

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

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

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.)	Hexahydromethylphthalic anhydride(CAS: n/a)
	Lead(CAS: 7439-92-1)
SCIP	3915b487-4998-4926-8380-fadaea0037b5