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

2973643

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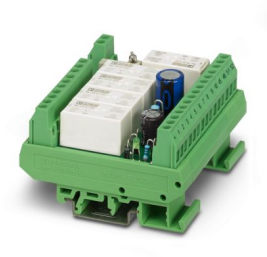

Customer-specific relay module, with plug-in bases for five miniature switching relays

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

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	3x 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 µs)

Air clearances and creepage distances, output K10-K13

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

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

Input

Connection method	Screw connection
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

Output

Connection method	Screw connection
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
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

Classifications

ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

ETIM

ETIM 10.0	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.)	Lead(CAS: 7439-92-1)
SCIP	3915b487-4998-4926-8380-fadaea0037b5

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