

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
Sales key	CK616Y
Product key	CK616Y
GTIN	4017918117566
Weight per piece (including packing)	220.133 g
Weight per piece (excluding packing)	214.95 g
Customs tariff number	85364190
Country of origin	DE

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



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Technical data

Notes

Utilization restriction

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

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

Insulation characteristics

Insulation	Reinforced insulation
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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)

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Minimum switching capacity	3000 VA
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Connection data

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
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Air clearances and creepage distances, output K10-K13

Standards/regulations	DIN EN 50178: 1998-04
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Mounting

Mounting type	DIN rail mounting
Mounting position	any

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Approvals

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



EAC

Approval ID: TR_TS_D_00573_c



EAC

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

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Classifications

ECLASS

ECLASS-11.0	27371601
ECLASS-12.0	27371601
ECLASS-13.0	27371601

ETIM

ETIM 8.0	EC001437
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UNSPSC

UNSPSC 21.0	39122300
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
	Hexahydromethylphthalic anhydride
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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