UMK- 8 RM/REL-MR 24/1/SO93 - Multiple relay module

2300957

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VARIOFACE module, 8-channel relay module, 2 changeover contacts, contact material (AgNi 90/10), input voltage 24 V DC

Commercial data

Item number	2300957
Packing unit	1 pc
Minimum order quantity	20 pc
Product key	DK616Y
GTIN	4017918905804
Weight per piece (including packing)	340 g
Weight per piece (excluding packing)	340 g
Country of origin	DE

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Technical data

Product properties

Product type	Relay Module

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

Insulation	Reinforced insulation
Overvoltage category	III
Pollution degree	2

Insulation characteristics: Air and creepage distances, output/output

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 and creepage distances, output/output

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
Typical input current at U_N	19 mA
Protective circuit	Freewheeling diode; Freewheeling diode
Status display/channel	Red LED

Output data

Switching

Contact switching type	Single contact, 2 N/O contact
Contact material	AgNi (90/10) gold-plated
Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 A

Connection data

Controller level

Connection method	Screw connection
Number of positions	10
Conductor cross-section rigid	0.2 mm² ... 2.5 mm²

Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

Field level

Connection method	Screw connection
Number of positions	5
Conductor cross-section rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

Dimensions

Width	124 mm
Height	77 mm
Depth	70 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 and creepage distances, output/output

Standards/regulations	DIN EN 50178: 1998-04

Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

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Environmental product compliance

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.)	No substance above 0.1 wt%