


Relay Module - UM-FLK14/8RM/MSTB/GF-DO - 2902084

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VARIOFACE relay module, with COMBICON screw connection and a 14-pos. flat-ribbon cable connector, 1 PDT, 8 miniature switching relays, LED, and fuse per channel

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 648554
GTIN	4046356648554

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	115 mm
Height	126 mm
Depth	64 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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Input data

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.8 ... 1.2
Typical input current at U_N	Related to the assembly
Type of protection	Free-wheeling diode
Protective circuit/component	Polarity protection diode
Status display/channel	Yellow LED

Output data

Contact type	1 PDT
Maximum switching voltage	250 V AC/DC
Limiting continuous current	3 A

General

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Technical data

General

Degree of protection	IP00
Mounting position	any

Connection data for connection 1

Connection name	Supply
Connection method	Screw connection
Conductor cross section solid	0.2 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Connection data for connection 2

Connection name	Controller level
Connection in acc. with standard	IEC 60603-13
Connection method	Flat-ribbon cable connector in acc. with IEC 60603-13
Number of connections	1
Number of positions	14

Connection data for connection 3

Connection name	Field level
Connection method	Screw connection
Conductor cross section solid	0.2 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Standards and Regulations

Designation	Air clearances and creepage distances, input/output
Standards/regulations	DIN EN 50178: 1998-04
Rated insulation voltage	260 V
Rated surge voltage	6 kV (1.2/50 µs)
Insulation	Reinforced insulation
Degree of pollution	2
Overvoltage category	III
Designation	Air and creepage distances, output/output
Standards/regulations	DIN EN 50178: 1998-04
Rated insulation voltage	260 V
Rated surge voltage	4 kV (1.2/50 µs)
Insulation	Functional insulation
Degree of pollution	2
Overvoltage category	III

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

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Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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