


# Active module - UM- 8 RM-S-G24/21/PLC-MSTB - 2311030

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Relay module, with 8 miniature relays, one changeover contact each, plugged in, for 24 V DC (incl. relay)



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 134958
GTIN	4046356134958

## Technical data

### Dimensions

Width	61 mm
Height	126 mm
Depth	146 mm

### Ambient conditions

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

Nominal input voltage $U_N$	24 V DC (# 10 %)
Typical input current at $U_N$	200 mA (200 mA supply / $\leq 20$ mA input current per signal)

### Output data

Contact type	Single contact, 1-PDT
Maximum switching voltage	150 V AC/DC (Maximum switching voltage of 230 V AC: the maximum switching voltage of 230 V is only permitted if the same fuse circuit is used. The outputs are not suitable for switching different outer conductors.)
Limiting continuous current	4 A

### General

With components	yes
Degree of protection	IP00
Mounting position	any

### Connection data for connection 1

Connection name	Controller level
Connection in acc. with standard	IEC 60603-13

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## Technical data

### Connection data for connection 1

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	14

### Connection data for connection 2

Connection name	Field level
Connection method	Screw connection
Conductor cross section solid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12
Number of connections	1
Number of positions	12

### Connection data for connection 3

Connection name	Supply
Connection method	Screw connection
Conductor cross section solid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12
Number of connections	1
Number of positions	2

### Connection data for connection 4

Connection name	DEROG
Connection method	Screw connection
Conductor cross section solid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12
Number of connections	1
Number of positions	3

## 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	2.3 kV (1.2/50 µs)

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## Technical data

### Standards and Regulations

Insulation	Functional insulation
Degree of pollution	2
Overvoltage category	II

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

EAC		RU C- DE.A*30.B.01742
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