

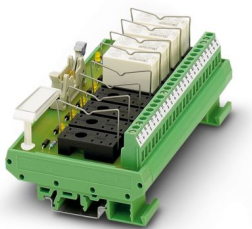
# UMK- 8 RM24 - Active module

2971357

<https://www.phoenixcontact.com/us/products/2971357>



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VARIOFACE module, for 8 plug-in miniature relays or miniature optocouplers, with LED, 24 V DC input voltage

## Commercial data

Item number	2971357
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C422
Product key	CK2281
Catalog page	Page 299 (IF-2009)
GTIN	4017918088347
Weight per piece (including packing)	226.5 g
Weight per piece (excluding packing)	2.19 g
Customs tariff number	85364190
Country of origin	DE

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## Technical data

### Notes

General	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
Utilization restriction	
EMC note	EMC: class A product, see manufacturer's declaration in the download area

### Product properties

Product type	Multi-channel relay module
No. of channels	8
Compatible components	Miniature switching relays or miniature optocouplers
With components	no

### Input data

Nominal input voltage $U_N$	24 V DC
Protective circuit	Free running; Freewheeling diode Reverse polarity protection; Polarity protection diode
Operating voltage display	Yellow LED
Status display/channel	Yellow LED

### Output data

Compatible components	Miniature switching relays or miniature optocouplers
Switching	
Contact switching type	1 changeover contact
Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 A
Error detection (line break / short-circuit)	no

### Connection data

Field level	
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of connections	3
Number of positions	24
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 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

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## Controller level

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	14
Pitch	2.54 mm

## Signaling

Status display present	Yes
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## Dimensions

Width	135 mm
Height	77 mm
Depth	54 mm

## Material specifications

Color	green (RAL 6021)
Housing insulation material	PVC, side panel PA non-reinforced,

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

## Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

## Mounting

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

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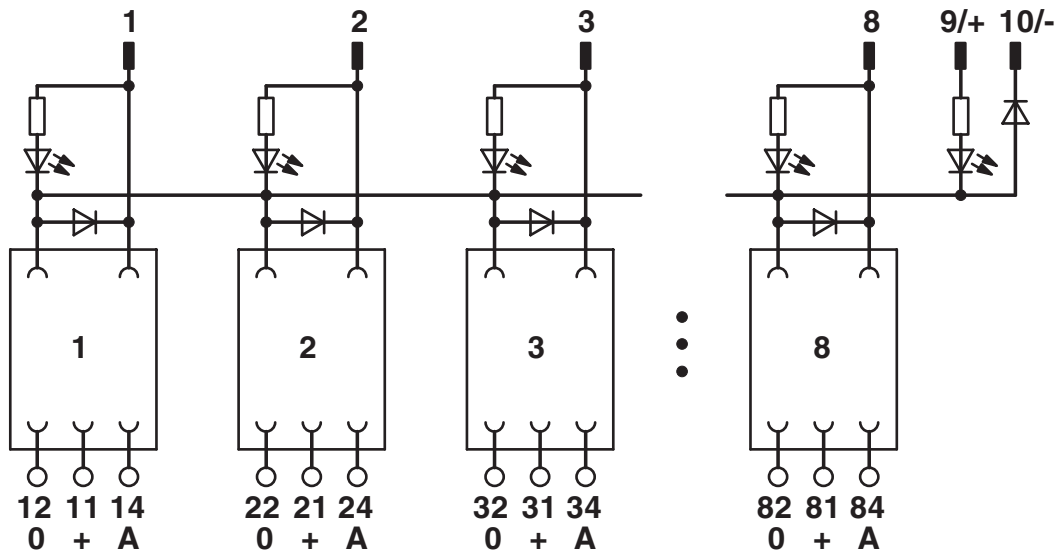
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## Drawings

Circuit diagram



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## Classifications

### ECLASS

ECLASS-11.0	27141152
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### UNSPSC

UNSPSC 21.0	39121432
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## Environmental product compliance

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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