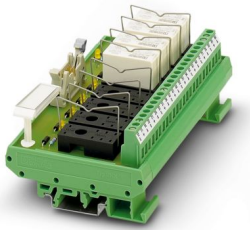


UMK- 8 RM24 - Active module

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	DK2191
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

Technical data

Notes

Notes on operation	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.
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Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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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
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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 ² ... 4 mm ²
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
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 note	in rows with zero spacing
Mounting position	any

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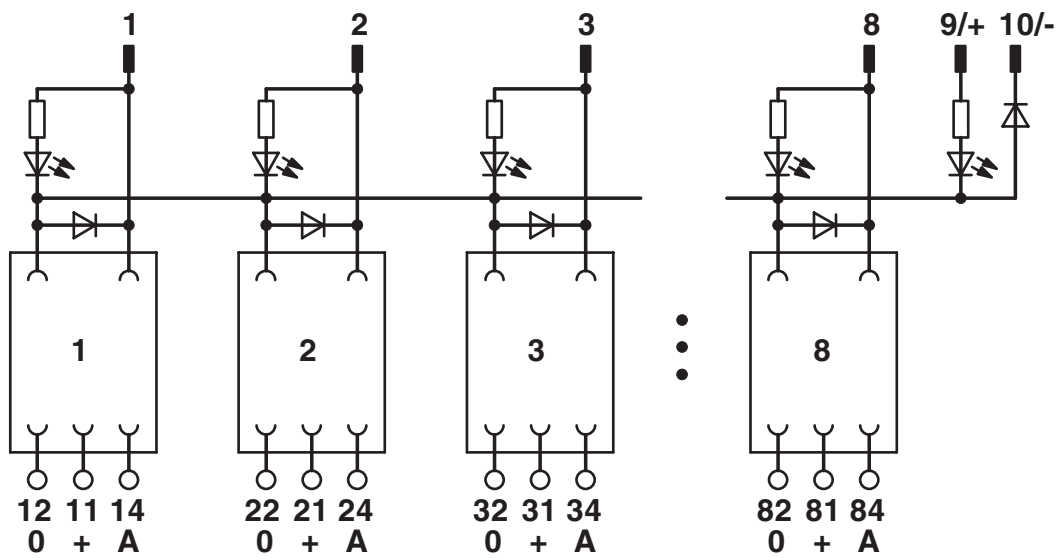


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Drawings

Circuit diagram



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Classifications

UNSPSC

UNSPSC 21.0	39121432
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a)

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.)	Lead(CAS: 7439-92-1)
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