

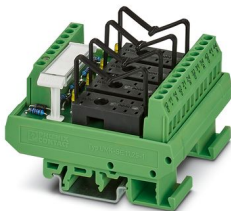
UMK- 4 RM 24DC - Multiple relay module



2972835

<https://www.phoenixcontact.com/pc/products/2972835>

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VARIOFACE module, for 4 plug-in miniature relays or miniature optocouplers, with LED, 24 V DC input voltage

Commercial data

Item number	2972835
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CK6164
Catalog page	Page 550 (C-7-2013)
GTIN	4017918088798
Weight per piece (including packing)	154.6 g
Weight per piece (excluding packing)	111.95 g
Customs tariff number	85364190
Country of origin	DE

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Technical data

Notes

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	4
Compatible components	Miniature relays or miniature optocouplers
With components	no

Insulation characteristics

Overvoltage category	III
Pollution degree	2

Electrical properties

No. of channels	4
Rated insulation voltage	260 V AC
Rated surge voltage	4 kV (Basic insulation between output contact current paths)
	6 kV (Safe isolation and reinforced insulation between input circuit and output contact paths)

Input data

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	2 mA (Light indicator)
Protective circuit	Freewheeling diode; Freewheeling diode
	Reverse polarity protection; Polarity protection diode
Operating voltage display	Yellow LED
Status display/channel	Yellow LED

Output data

Compatible components	Miniature 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
Maximum inrush current	8 A
Error detection (line break / short-circuit)	no

Connection data

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Input

Connection method	Screw connection
Screw thread	M3
Number of connections	2
Number of positions	8
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

Output

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of connections	12
Number of positions	3
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

Signaling

Status display present	Yes
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Dimensions

Width	67.5 mm
Height	77 mm
Depth	59 mm

Material specifications

Color	green (RAL 6021)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Standards and regulations

Standards/regulations	DIN EN 50178
	IEC 60664

Mounting

Mounting type	DIN rail mounting
Mounting position	any

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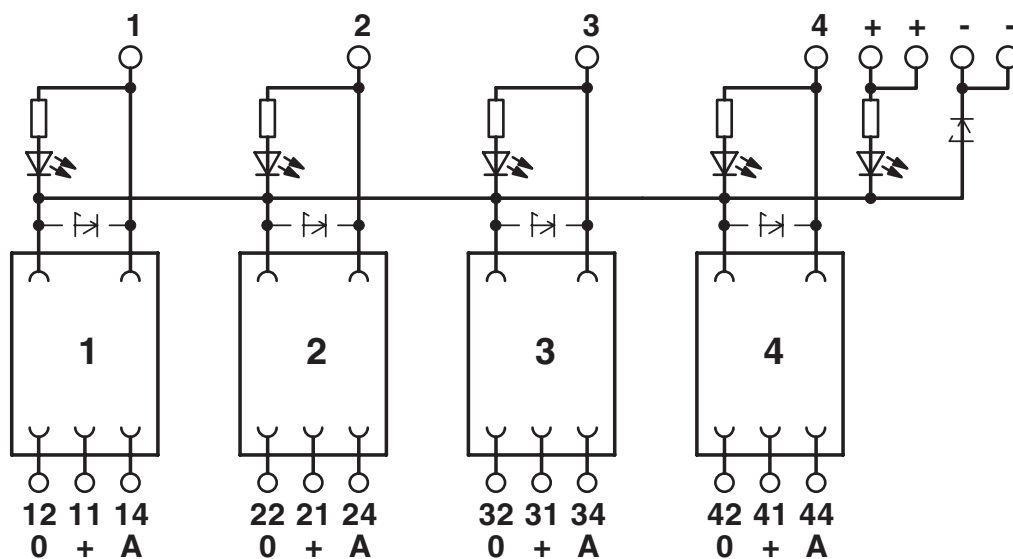
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Drawings

Circuit diagram



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Classifications

UNSPSC

UNSPSC 21.0	39122335
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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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