

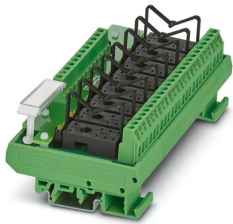
UMK- 8 RM24DC/MKDS - Multiple relay module



2972916

<https://www.phoenixcontact.com/in/products/2972916>

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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	2972916
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	CK6
Product Key	CK6164
Catalog Page	Page 551 (C-7-2013)
GTIN	4017918088859
Weight per Piece (including packing)	240.8 g
Weight per Piece (excluding packing)	206.56 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	8
Compatible components	Miniature relays or miniature optocouplers
With components	no

Insulation characteristics

Overvoltage category	III
Pollution degree	2

Electrical properties

No. of channels	8
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 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
Stripping length	8 mm
Screw thread	M3
Number of connections	1
Number of positions	12
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	24
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	135 mm
Height	77 mm
Depth	59 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	-20 °C ... 50 °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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Classifications

ETIM

ETIM 7.0

EC001456

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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Accessories

REL-MR- 24DC/21HC - Single relay

2961312

<https://www.phoenixcontact.com/in/products/2961312>



Plug-in miniature power relay, with power contact for high continuous currents, 1 changeover contact, input voltage 24 V DC

REL-MR- 24DC/21HC AU - Single relay

2961545

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Plug-in miniature power relay, with multi-layer gold contact for high continuous currents, 1 changeover contact, input voltage 24 V DC

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