

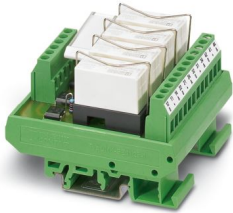
UMK- 4 RM 24/KSR-24/21 - Multiple relay module



2970743

<https://www.phoenixcontact.com/us/products/2970743>

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

Commercial data

Item number	2970743
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DK6164
GTIN	4017918087890
Weight per piece (including packing)	141.48 g
Weight per piece (excluding packing)	141.48 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
Operating mode	100% operating factor
Mechanical service life	3x 10 ⁷ cycles

Insulation characteristics

Overvoltage category	III
Pollution degree	2

Electrical properties

Rated insulation voltage	260 V AC
Rated surge voltage	4 kV (Basic insulation)

Input data

Nominal input voltage U_N	24 V AC/DC
Input voltage range in reference to U_N	0.9 ... 1.1
Input voltage range	21.6 V DC ... 26.4 V DC
Typical input current at U_N	18 mA
Typical response time	8 ms
Typical release time	12 ms
Protective circuit	Bridge rectifier
Operating voltage display	Yellow LED
Status display/channel	Yellow LED

Output data

Switching

Contact switching type	1 changeover contact
Contact material	AgNi (90/10) gold-plated
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	12 V AC/DC (at 10 mA)
Limiting continuous current	5 A
Min. switching current	10 mA (at 12 V AC/DC)
Interrupting rating (ohmic load) max.	120 W (at 24 V DC)
	58 W (at 48 V DC)
	48 W (at 60 V DC)

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	50 W (at 110 V DC)
	80 W (at 220 V DC)
	1250 VA (for 250 V AC)

Connection data

Input

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
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
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

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

Standards and regulations

Standards/regulations	DIN EN 50178
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Mounting

Assembly note	in rows with zero spacing
Mounting position	any

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Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	
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	No substance above 0.1 wt%
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