UM-16 RM/KSR-G24/21/SO216 - Multiple relay module

2975476

https://www.phoenixcontact.com/us/products/2975476

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

VARIOFACE module, with plug-in bases for 16 miniature switching relays with 1 changeover contact, with LED display

Commercial data

Item number	2975476
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C429
Product key	DK2A9A
GTIN	4017918336493
Weight per piece (including packing)	890 g
Weight per piece (excluding packing)	734.8 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.

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area

Product properties

Product type	Relay Module
No. of channels	16
Mechanical service life	> 10^7 cycles
Compatible components	Miniature switching relay, REL-MR-24DC/21HC
With components	yes

Insulation characteristics

Overvoltage category	III
Pollution degree	2

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	25 mA
Typical response time	10 ms
Typical release time	5 ms
Protective circuit	Freewheeling diode; Freewheeling diode
	Reverse polarity protection; Polarity protection diode
Status display/channel	Yellow LED

Output data

Compatible components	Miniature switching relay, REL-MR-24DC/21HC

Switching

Contact switching type	Single contact, 1 changeover contact
Contact material	AgCdO
Maximum switching voltage	250 V AC (Module-specific)
	300 V DC (Module-specific)
Limiting continuous current	5 A (Module-specific)
Maximum inrush current	8 A
Interrupting rating (ohmic load) max.	120 W (at 24 V DC)
	50 W (at 48 V DC)

	60 W (at 220 V DC)
	1250 VA (for 250 V AC)
Error detection (line break / short-circuit)	no

Connection data

Input

Connection method	Flat-ribbon cable connector in acc. with IEC 60603-13 / D-SUB plug connection
Number of connections	2
Number of positions	50

Output

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of connections	52
Number of positions	3
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

Signaling

Status display present	yes

Dimensions

Width	265.5 mm
Height	111 mm
Depth	68 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	DIN VDE 0110
	DIN VDE 0109-11

Mounting

Mounting position	any

Environmental product compliance

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.)	No substance above 0.1 wt%

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com