

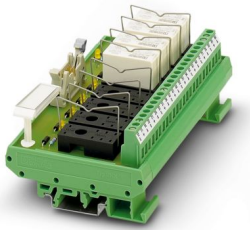
UMK- 8 RM24/KSR-G24/21 - Active module



2970772

<https://www.phoenixcontact.com/us/products/2970772>

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VARIOFACE module, for 8 pluggable miniature switching relays or miniature optocouplers, with LED, input voltage 24 V DC (without relay)

The figure shows a version for 8 pluggable miniature switching relays or miniature optocouplers

Commercial data

Item number	2970772
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DK2191
GTIN	4017918087920
Weight per piece (including packing)	3.46 g
Weight per piece (excluding packing)	3.46 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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Product properties

Product type	Relay Module
No. of channels	8
Mechanical service life	5x 10 ⁷ cycles

Electrical properties

Supported controller: EMERSON DeltaV

Suitable I/O card	VE4002S1T2B4
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Input data

Nominal input voltage U_N	24 V 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	22 mA
Typical response time	8 ms
Typical release time	10 ms
Protective circuit	Reverse polarity protection; Damping diode, polarity protection diode
Status display/channel	Yellow LED

Output data

Switching

Contact switching type	1 changeover contact
Contact material	AgCdO
Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 A
Maximum inrush current	8 A
Interrupting rating (ohmic load) max.	120 W (24 V DC, $\tau = 0$ ms)
	60 W (48 V DC, $\tau = 0$ ms)
	50 W (60 V, $\tau = 0$ ms)
	50 W (110 V DC, $\tau = 0$ ms)
	65 W (220 V DC, $\tau = 0$ ms)
	1250 VA (250 V AC, $\tau = 0$ ms)

Connection data

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Controller level

Connection method	Flat-ribbon cable connectors
Number of connections	1
Number of positions	10

Field level

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	135 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
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Standards and regulations

Standards/regulations	DIN VDE 0160 (in parts)
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Mounting

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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