

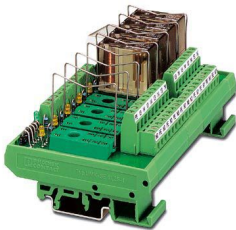
# UMK- 8 RELS/KSR-G24/1/N/PE - Active module



2976174

<https://www.phoenixcontact.com/us/products/2976174>

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VARIOFACE output module, with plug-in sockets for 8 miniature switching relays, with light indicator and additional N and PE connection terminal blocks

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

## Commercial data

Item number	2976174
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DK2191
GTIN	4017918104252
Weight per piece (including packing)	238.7 g
Weight per piece (excluding packing)	2.38 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	Multi-channel relay module
No. of channels	8
Compatible components	Miniature switching relays or miniature optocouplers
With components	no

### 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
Input voltage range	19.2 V DC ... 26.4 V DC
Protective circuit	Freewheeling diode; Freewheeling diode Reverse polarity protection; Polarity protection diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

### Output data

Compatible components	Miniature switching 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 total current (N)	7 A
Error detection (line break / short-circuit)	no

### Connection data

#### Input

Connection method	Screw connection
Stripping length	6 mm
Screw thread	M3
Number of connections	1
Number of positions	12

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Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section AWG	26 ... 14

## Output

Connection method	Screw connection
Stripping length	6 mm
Screw thread	M3
Number of connections	36
Number of positions	6
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section AWG	26 ... 14

## 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)
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

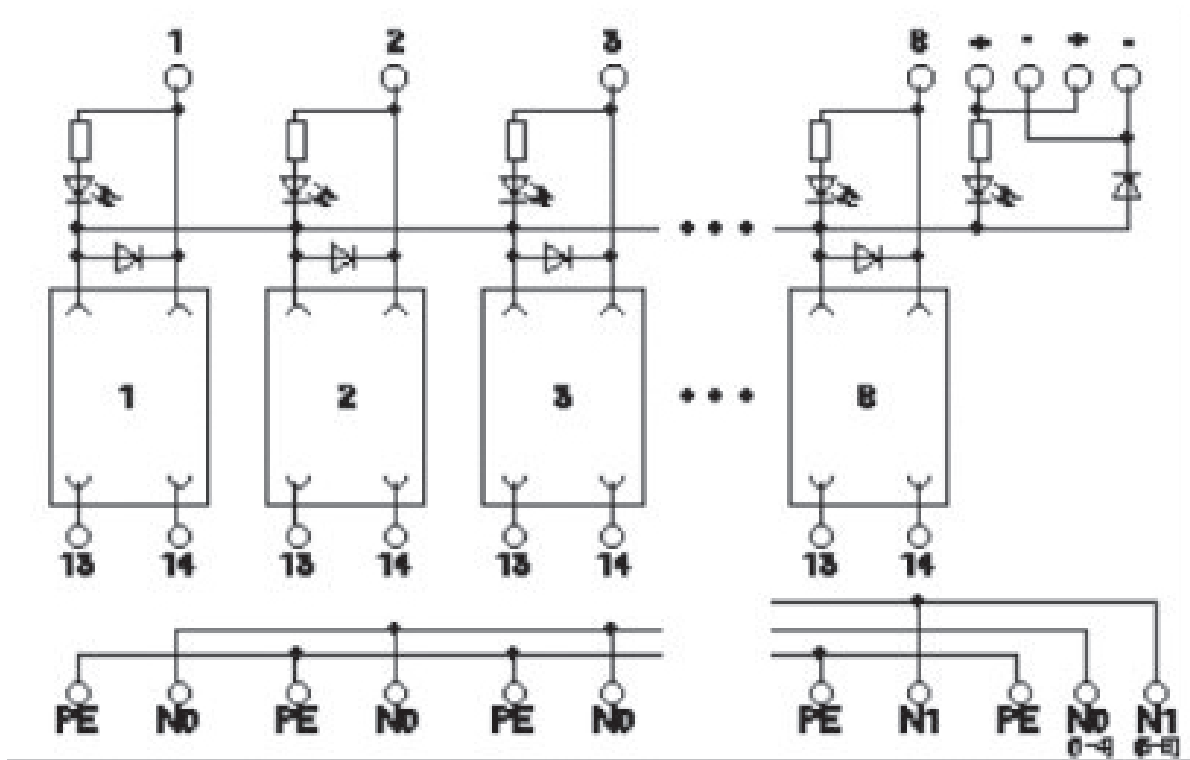
Standards/regulations	DIN VDE 0110
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## Mounting

Mounting position	any
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Drawings

Circuit diagram



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## Environmental product compliance

EU REACH SVHC

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