

# UMK-16 RELS/KSR-G24/21/SLC - Active module



2965185

<https://www.phoenixcontact.com/us/products/2965185>

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VARIOFACE output module, with plug-in bases for 16 miniature switching relays, for Allen-Bradley SLC 500, OB32 output card

## Commercial data

Item number	2965185
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DK219R
GTIN	4017918130985
Weight per piece (including packing)	469.5 g
Weight per piece (excluding packing)	373.82 g
Customs tariff number	85364190
Country of origin	DE

## Technical data

### Product properties

Product type	Interface module
No. of channels	32
Compatible components	Miniature switching relay, REL-MR-24DC/21HC
With components	no

### Insulation characteristics

Overvoltage category	III
Pollution degree	2

### Electrical properties

Supported controller: ALLEN-BRADLEY SLC 500

Suitable I/O card	1746 OB 32
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### 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
Typical input current at $U_N$	2 mA (without relay (light indicator))
Protective circuit	Freewheeling diode; Freewheeling diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

### Output data

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

Contact switching type	1 changeover contact
Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 A

### Connection data

#### Controller level

Connection method	IDC/FLK pin strip
Number of connections	2
Number of positions	40
Pitch	2.54 mm

#### Field level

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3

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Number of connections	52
Number of positions	3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 12

## Signaling

Status display present	yes
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## Dimensions

Width	259 mm
Height	90 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	IEC 60664
	IEC 60664A
	DIN VDE 0110

## Mounting

Assembly note	in rows with zero spacing
Mounting position	any

## 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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# UMK-16 RELS/KSR-G24/21/SLC - Active module

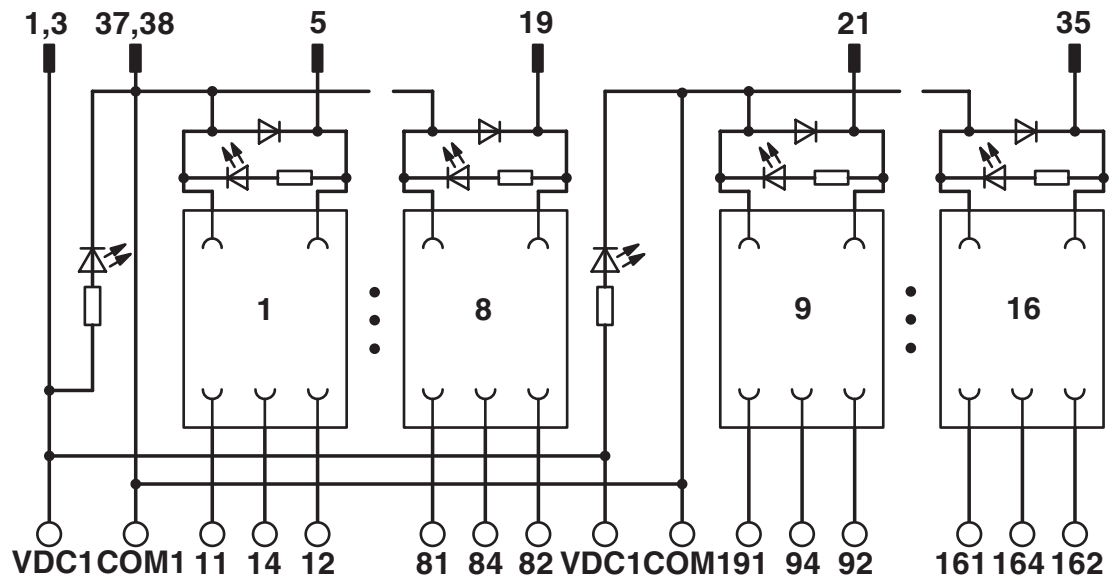


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## Drawings

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