

## Active module - UMK- 8 RELS/KSR-G24/21-21/PLC - 2976187

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VARIOFACE output module, with plug-in bases for 8 miniature relays, with 2 PDTs each (without relays), for 24 V DC

### Why buy this product

- Polarity protection diode
- LED status indicator and freewheeling diode per signal path
- Supply voltage indicator (LED)
- Plug-in miniature relays



### Key commercial data

Packing unit	1 pc
GTIN	 4 017918 089245
Weight per Piece (excluding packing)	199.78 g
Custom tariff number	85364190
Country of origin	Germany

### Technical data

#### Note:

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

Width	135 mm
Height	77 mm
Depth	59 mm

#### Ambient conditions

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

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## Technical data

### Input data

Nominal input voltage $U_N$	24 V DC
Type of protection	Free-wheeling diode
Protective circuit/component	Damping diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

### Output data

Contact type	2 PDT
Maximum switching voltage	250 V AC/DC
Limiting continuous current	3 A
Error detection (line break / short-circuit)	no

### General

No. of channels	8
Compatible components	Miniature relay, REL-MR- 24DC/21-21
With components	No
Test voltage	2.5 kV AC
Test voltage relay winding/relay contact	2.5 kV AC
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Mounting position	any
Assembly instructions	In rows with zero spacing
Pollution degree	2
Surge voltage category	III
Housing insulation material	PVC, side panel PA non-reinforced,
Color	green

### Connection data for connection 1

Connection name	Coil side
Number of connections	1
Connection method	IDC/FLK pin strip (2.54 mm)
Number of positions	14

### Connection data for connection 2

Connection name	Contact side
Number of connections	8
Connection method	Screw connection
Number of positions	6
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>

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#### Connection data for connection 2

Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Screw thread	M3
Stripping length	6 mm

#### Supported controller

Corresponding control	SIEMENS S7-400
Corresponding I/O card	6ES7 422-1BL00-0AA0
	6ES7 422-7BL00-0AB0
Corresponding control	GE-FANUC 90-30
Corresponding I/O card	IC693 MDL732
	IC693 MDL740
	IC693 MDL742
Corresponding control	ALLEN-BRADLEY ControlLogix
Corresponding I/O card	1756-OB32
	1756-OB16E
Corresponding control	ALLEN-BRADLEY PLC 5
Corresponding I/O card	1771 OBN
Corresponding control	ALLEN-BRADLEY SLC 500
Corresponding I/O card	1746 OB16
	1746 OB 32
Corresponding control	HONEYWELL PlantScape
Corresponding I/O card	TC-ODD 321
Corresponding control	MITSUBISHI MELSEC Q
Corresponding I/O card	QY81P
Corresponding control	SIEMENS S7-300 / ET 200 M
Corresponding I/O card	CPU 313C-2DP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7 322-1BH01-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 323-1BH01-0AA0
	6ES7 323-1BL00-0AA0
	CPU 313C
	CPU 313C-2PtP
Corresponding control	ABB S800 I/O
Corresponding I/O card	DO810
	DO840
Corresponding control	GE-FANUC RX3i
Corresponding I/O card	IC694MDL754
Corresponding control	MITSUBISHI MELSEC L

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## Technical data

### Supported controller

Corresponding I/O card	LY41PT1P
	LY42PT1P

## Classifications

### eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

### ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

### UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

## Approvals

### Approvals

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Approvals

GOST

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Ex Approvals

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Approvals submitted

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### Approval details

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## Approvals



## Drawings

Circuit diagram

