

## Active module - UM-16 RELS/KSR-G24/21/MT/PLC - 2962382

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VARIOFACE output module, with plug-in bases for 16 miniature relays, 1 PDT each, for 24 V DC, with knife disconnect terminal blocks in the output (without relays)

### Product Features

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



### Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	744.7 GRM
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	285 mm
Height	111.5 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	1 PDT
Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 A

#### General

No. of channels	16
	32
Compatible components	Miniature relay, REL-MR- 24DC/21HC
With components	No
Test voltage	2.5 kV (50 Hz, 1 min.)
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	50

#### Connection data for connection 2

Connection name	Contact side
Number of connections	50
Connection method	Screw connection with disconnect knife
Number of positions	48
Conductor cross section solid min.	0.2 mm <sup>2</sup>

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### Technical data

#### Connection data for connection 2

Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Screw thread	M3
Stripping length	8 mm

#### Supported controller

Corresponding control	SIEMENS S7-400
Corresponding I/O card	6ES7 422-1BL00-0AA0
	6ES7 422-7BL00-0AB0
Corresponding control	ALLEN-BRADLEY ControlLogix
Corresponding I/O card	1756-OB32
Corresponding control	ALLEN-BRADLEY PLC 5
Corresponding I/O card	1771 OBN
Corresponding control	HONEYWELL PlantScape
Corresponding I/O card	TC-ODD 321
Corresponding control	MITSUBISHI MELSEC L
Corresponding I/O card	LY41PT1P
	LY42PT1P
Corresponding control	MITSUBISHI MELSEC Q
Corresponding I/O card	QY81P
Corresponding control	Schneider Electric MODICON TSX QUANTUM
Corresponding I/O card	DDO 353
Corresponding control	SIEMENS S7-300 / ET 200 M
Corresponding I/O card	6ES7 322-1BL00-0AA0
Corresponding control	GE-FANUC RX3i
Corresponding I/O card	IC694MDL754

### 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

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### Classifications

#### eCl@ss

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



### Accessories

#### Additional products

# Active module - UM-16 RELS/KSR-G24/21/MT/PLC - 2962382

## Accessories

Active module - UM-16 RELS/KSR-G24/21/E/MT/PLC - 2962379



VARIOFACE output extension module, with plug-in bases for 16 miniature relays, 1 PDT each, for 24 V DC, with knife disconnect terminal blocks in the output (without relays)

## Drawings

Circuit diagram

