

# Active module - UMK- 8 RELS/KSR-G24/21/PLC - 2974914

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



VARIOFACE output module, with plug-in bases for 8 miniature relays, 1 PDT each, for 24 V DC (without relays)

## Product Features

- LED status indicator per signal path and supply voltage
- Freewheeling and polarity protection diode for each signal path
- Plug-in miniature relays each with a PDT contact



## Key commercial data

package_quantity	1
GTIN	4017918089016

## Technical data

Note:

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

### 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

### 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
--------------	-------

# Active module - UMK- 8 RELS/KSR-G24/21/PLC - 2974914

## Technical data

### Output data

Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 A
Error detection (line break / short-circuit)	no

### General

No. of channels	8
Compatible components	Miniature relay, REL-MR- 24DC/21HC
With components	No
Test voltage relay winding/relay contact	2.5 kV AC
Standards/specifications	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	Output
Number of connections	26
Connection method	Screw connection
Number of positions	3
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 solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 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

### Connection data for connection 2

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

### Supported controller

Corresponding control	SIEMENS S7-400
Corresponding I/O card	6ES7 422-1BL00-0AA0
Corresponding I/O card	6ES7 422-7BL00-0AB0
Corresponding control	GE-FANUC 90-30
Corresponding I/O card	IC693 MDL732
Corresponding I/O card	IC693 MDL740

# Active module - UMK- 8 RELS/KSR-G24/21/PLC - 2974914

## Technical data

### Supported controller

Corresponding I/O card	IC693 MDL742
Corresponding control	ALLEN-BRADLEY ControlLogix
Corresponding I/O card	1756-OB32
Corresponding I/O card	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
Corresponding I/O card	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
Corresponding I/O card	CPU 314C-2DP
Corresponding I/O card	CPU 314C-2PtP
Corresponding I/O card	6ES7 322-1BH01-0AA0
Corresponding I/O card	6ES7 322-1BL00-0AA0
Corresponding I/O card	6ES7 323-1BH01-0AA0
Corresponding I/O card	6ES7 323-1BL00-0AA0
Corresponding I/O card	CPU 313C
Corresponding I/O card	CPU 313C-2PtP
Corresponding control	ABB S800 I/O
Corresponding I/O card	DO810
Corresponding I/O card	DO840
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
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

### ETIM

ETIM 2.0	EC001437
----------	----------

# Active module - UMK- 8 RELS/KSR-G24/21/PLC - 2974914

## classifications

### ETIM

<b>ETIM 3.0</b>	EC001437
<b>ETIM 4.0</b>	EC001437
<b>ETIM 5.0</b>	EC001437

### UNSPSC

<b>UNSPSC 6.01</b>	30211916
<b>UNSPSC 7.0901</b>	39121515
<b>UNSPSC 11</b>	39121515
<b>UNSPSC 12.01</b>	39121515
<b>UNSPSC 13.2</b>	39121515

## approvals

UL Listed / GOST / cUL Listed / cULus Listed /

### Approval details

UL Listed

GOST

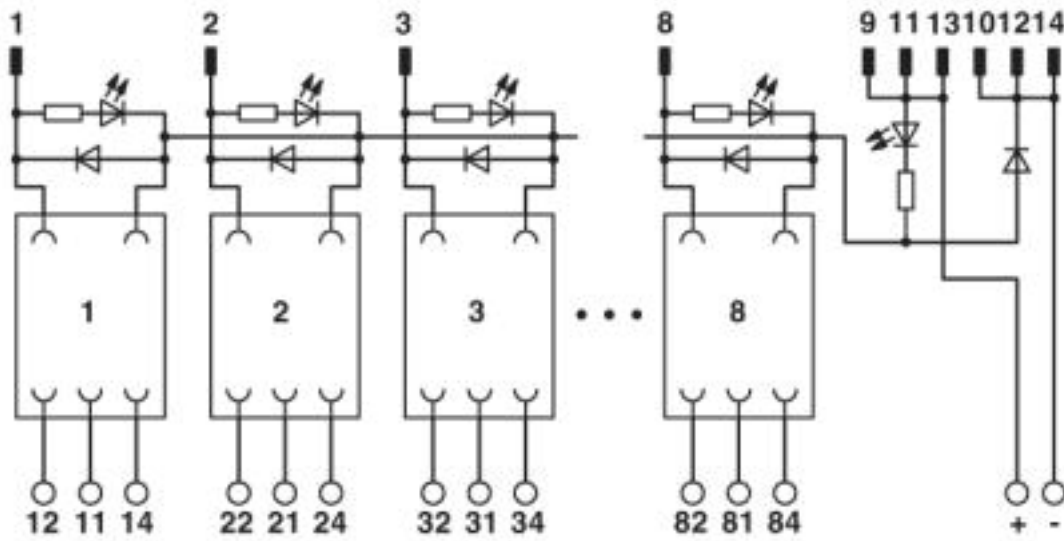
cUL Listed

cULus Listed

## Drawings

# Active module - UMK- 8 RELS/KSR-G24/21/PLC - 2974914

Circuit diagram



© Phoenix Contact 2013 - all rights reserved  
<http://www.phoenixcontact.com>