

Active module - UMK-16 RELS/KSR-G24/21/E/PLC - 2974891

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VARIOFACE output extension module, with plug-in bases for 16 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	4017918088996

Technical data

Note:

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

Width	259 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
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	2 mA (Light indicator)
Type of protection	Free-wheeling diode
Protective circuit/component	Damping diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

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Output data

Contact type	1 PDT
Maximum switching voltage	250 V AC/DC
Limiting continuous current	4 A
Status display	Yes
Error detection (line break / short-circuit)	no

General

No. of channels	16
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	Coil side
Number of connections	1
Connection method	IDC/FLK pin strip (2.54 mm)
Number of positions	20

Connection data for connection 2

Connection name	Contact side
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
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	GE-FANUC RX3i
Corresponding I/O card	IC694MDL754
Corresponding control	HONEYWELL PlantScape
Corresponding I/O card	TC-ODD 321

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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

UL Listed / GOST / cUL Listed / cULus Listed /

Approval details

UL Listed

GOST

cUL Listed

cULus Listed

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Drawings

Circuit diagram

