Active module - UMK- 8 RM/KSR-G 24/21/PLC - 2979485

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 8 miniature relays, 1 PDT each, plugged, for 24 V DC (including 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	4017918130350

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 ±10 %
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	23 mA
Typical response time	9 ms
Typical release time	10 ms
Type of protection	Free-wheeling diode
Protective circuit/component	Damping diode

Active module - UMK- 8 RM/KSR-G 24/21/PLC - 2979485

Technical data

Input data

Operating voltage display	Green LED
Status display/channel	Yellow LED

Output data

Contact type	1 PDT
Contact material	AgCdO
Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 A
Maximum inrush current	6 A
Interrupting rating (ohmic load) max.	120 W (24 V DC, τ = 0 ms)
Interrupting rating (ohmic load) max.	60 W (48 V DC, τ = 0 ms)
Interrupting rating (ohmic load) max.	50 W (60 V, t = 0 ms)
Interrupting rating (ohmic load) max.	50 W (110 V DC, τ = 0 ms)
Interrupting rating (ohmic load) max.	65 W (220 V DC, τ = 0 ms)
Interrupting rating (ohmic load) max.	1250 VA (250 V AC, τ = 0 ms)

General

No. of channels	8
Compatible components	Miniature relay, REL-MR- 24DC/21HC
With components	Yes
Test voltage	2.5 kV (50 Hz, 1 min.)
Test voltage input/output	2.5 kV AC
Mechanical service life	3 x 10^7 cycles
Standards/regulations	IEC 60664
Standards/regulations	DIN EN 50178
Standards/regulations	IEC 62103
Mounting position	Any
Assembly instructions	In rows with zero spacing
Housing insulation material	PVC
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
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.2 mm²

Active module - UMK- 8 RM/KSR-G 24/21/PLC - 2979485

Technical data

Connection data for connection 2

Conductor cross section stranded max.	2.5 mm²
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
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
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	Emerson DeltaV
Corresponding I/O card	VE4002S1T1B3
Corresponding I/O card	VE4002S1T2B3

Active module - UMK- 8 RM/KSR-G 24/21/PLC - 2979485

Technical data

Supported controller

Corresponding I/O card	VE4002S1T2B3 Series 2
Corresponding I/O card	VE4002S1T2B6
Corresponding control	GE-FANUC RX3i
Corresponding I/O card	IC694MDL754
Corresponding control	MITSUBISHI MELSEC L
Corresponding I/O card	LY41PT1P
Corresponding I/O card	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

UL Listed / cUL Listed / cULus Listed /

Approval details

UL Listed

Active module - UMK- 8 RM/KSR-G 24/21/PLC - 2979485

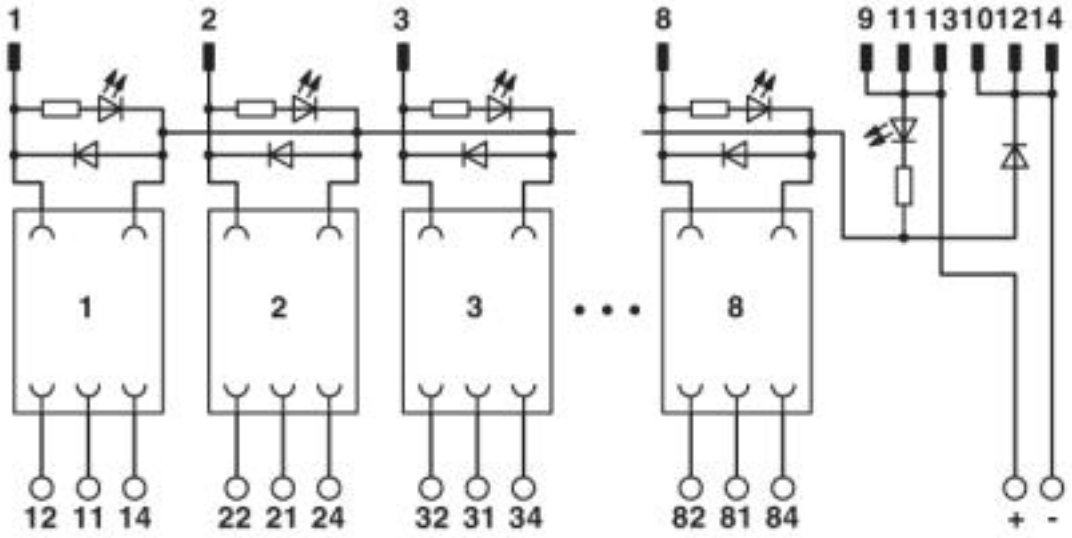
approvals

cUL Listed

cULus Listed

Drawings

Circuit diagram



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