

Active module - VIP-8RPT-24DC/21/DO/FU/PLC - 2903601

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VARIOFACE Professional output module with eight channels, each with a pluggable 1 PDT relay and fuse, for 24 V DC

Why buy this product

- Slim overall width of just 87.6 mm
- LED status indicator per signal path and supply voltage
- Polarity protection diode
- Fuse per output circuit as short-circuit protection
- Plug-in miniature relays each with a SPDT



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 948159
Weight per Piece (excluding packing)	99.99 g
Weight per piece (including packing)	330.7 g
Country of origin	United States

Technical data

Note

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

Width	87.6 mm
Height	109.8 mm
Depth	63 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

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Input data

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.9 ... 1.1
Typical input current at U_N	9 mA
Typical response time	5 ms
Typical release time	8 ms
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	Single contact, 1-PDT
Contact material	AgSnO
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	12 V AC/DC
Limiting continuous current	5 A (observe derating)
Min. switching current	10 mA
Interrupting rating (ohmic load) max.	120 W (24 V DC)
	20 W (48 V DC)
	18 W (60 V DC)
	23 W (110 V DC)
	40 W (220 V DC)
	1250 VA (250 V AC)
Error detection (line break / short-circuit)	no

General

No. of channels	8
Mechanical service life	2×10^7 cycles
Operating mode	100% operating factor
Mounting position	any
Assembly instructions	In rows with zero spacing
Color	gray
Standards/regulations	DIN EN 50178

Connection data for connection 1

Connection name	Controller level
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	14
Pitch	2.54 mm

Connection data for connection 2

Connection name	Field level
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Connection data for connection 2

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ²
Conductor cross section AWG	26 ... 14

Supported controller

Corresponding control	ABB S800 I/O
Corresponding I/O card	DO810
	DO840
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	Emerson DeltaV
Corresponding I/O card	VE4002S1T1B3
	VE4002S1T2B3
	VE4002S1T2B3 Series 2
	VE4002S1T2B6
Corresponding control	GE-FANUC 90-30
Corresponding I/O card	IC693 MDL732
	IC693 MDL740
	IC693 MDL742
Corresponding control	GE-FANUC RX3i
Corresponding I/O card	IC694MDL754
Corresponding control	HONEYWELL Experion PKS C200
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
	QY82P
Corresponding control	SIEMENS S7-300 / ET 200 M
Corresponding I/O card	CPU 313C-2DP
	CPU 314C-2DP
	CPU 314C-2PtP

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Supported controller

	6ES7 322-1BH01-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 323-1BH01-0AA0
	6ES7 323-1BL00-0AA0
	CPU 313C
	CPU 313C-2PtP
Corresponding control	SIEMENS S7-400
Corresponding I/O card	6ES7 422-1BL00-0AA0
	6ES7 422-7BL00-0AB0

Standards and Regulations

Connection in acc. with standard	CSA
Standards/regulations	DIN EN 50178

Classifications

eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371601
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
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

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA	
mm ² /AWG/kcmil	26-16
Nominal current IN	5 A
Nominal voltage UN	240 V

UL Recognized	
mm ² /AWG/kcmil	26-14
Nominal current IN	5 A
Nominal voltage UN	250 V

cUL Recognized	
mm ² /AWG/kcmil	26-14
Nominal current IN	5 A
Nominal voltage UN	250 V

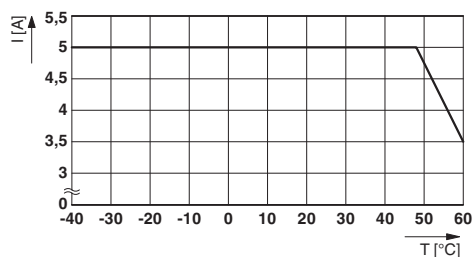
EAC

cULus Recognized

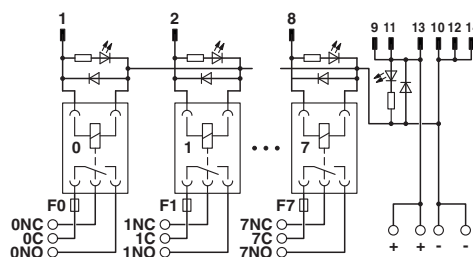
Drawings

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Diagram



Circuit diagram



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