

Active module - VIP-8RPT-24DC/1AU/DI/PLC - 2903600

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VARIOFACE Professional digital input module with eight channels, each with a pluggable N/O miniature relay, for 24 V DC

Your advantages

- ✓ Slim overall width of just 92.7 mm
- ✓ LED status indicator per signal path and supply voltage
- ✓ Plug-in miniature relays each with an N/O contact



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 948142
GTIN	4046356948142

Technical data

Note

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

Width	92.7 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

Input data

Nominal input voltage U_N	24 V DC $\pm 10\%$ (Supply, 2 A)
Input voltage range in reference to U_N	0.9 ... 1.1

Active module - VIP-8RPT-24DC/1AU/DI/PLC - 2903600

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Input data

Typical input current at U_N	9 mA (per channel)
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	1 N/O contact
Contact material	AgSnO, hard gold-plated
Maximum switching voltage	24 V DC
	24 V DC
Minimum switching voltage	100 mV (10 mA)
Limiting continuous current	50 mA
Min. switching current	1 mA
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

Connection data

Connection name	Controller level
Connection method	IDC/FLK pin strip
Stripping length	8 mm
Number of connections	1
Number of positions	14
Pitch	2.54 mm

Connection data 2

Connection name	Field level
Connection method	Push-in connection
Stripping length	8 mm
Number of positions	14
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

Active module - VIP-8RPT-24DC/1AU/DI/PLC - 2903600

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Supported controller

Controller	SIEMENS S7-1500
- suitable I/O card	6ES7 521-1BH00-0AB0
	6ES7 521-1BH50-0AA0
	6ES7 521-1BL00-0AB0
Controller	ABB S800 I/O
- suitable I/O card	DI810
	DI818
Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IB32
	1756-IN16
	1756-IB16
	1756-IC16
Controller	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
	1771 OBN
Controller	ALLEN-BRADLEY SLC 500
- suitable I/O card	1746 IB 32
Controller	GE-FANUC RX3i
- suitable I/O card	IC694MDL754
	IC694MDL660
Controller	HONEYWELL Experion PKS C200
- suitable I/O card	TC-IDD 321
	TC-ODD 321
Controller	mitsubishi MELSEC L
- suitable I/O card	LX41C4
	LX42C4
	LY41NT1P
	LY42NT1P
	LY41PT1P
	LY42PT1P
Controller	mitsubishi MELSEC Q
- suitable I/O card	QX81
	QY81P
	QX41
	QX41-S1
	QX42
	QX42-S1
	QX71
	QX72
	QY41P

Active module - VIP-8RPT-24DC/1AU/DI/PLC - 2903600

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Supported controller

	QY42P
	QY71
	QH42P
	QX82
	QX82-S1
	QY82P

Standards and Regulations

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals


Approvals


Approvals

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

Ex Approvals

Approval details


CSA		http://www.csagroup.org/services-industries/product-listing/	2122203
Nominal voltage UN	24 V		
Nominal current IN	0.05 A		
mm ² /AWG/kcmil	26-14		

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN	24 V		

Active module - VIP-8RPT-24DC/1AU/DI/PLC - 2903600

Approvals

Nominal current IN	0.05 A
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cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		24 V	
Nominal current IN		0.05 A	
mm ² /AWG/kcmil		26-14	

EAC		RU C- DE.A*30.B.01742
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cULus Recognized	
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