

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

Why buy this product

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



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 948142
Weight per Piece (excluding packing)	99.99 g
Custom tariff number	85369010
Country of origin	United States
Note	Made to Order (non-returnable)

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

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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
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	green
Standards/regulations	DIN EN 50178

Connection data for connection 1

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

Connection data for connection 2

Connection name	Field level
Connection method	Push-in connection
Number of positions	14
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.14 mm ²

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Connection data for connection 2

Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm

Classifications

eCl@ss

eCl@ss 4.1	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27242608
eCl@ss 8.0	27141152

ETIM

ETIM 4.0	EC001423
ETIM 5.0	EC002780

Approvals

Approvals


Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals


Approvals submitted


Approval details

CSA 	
mm ² /AWG/kcmil	26-14
Nominal current I _N	0.05 A

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UL Recognized 	
mm²/AWG/kcmil	26-14
Nominal current I _N	0.05 A

cUL Recognized 	
mm²/AWG/kcmil	26-14
Nominal current I _N	0.05 A

cULus Recognized 	
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Drawings

Circuit diagram

