

Active module - VIP-8RPT-24DC/21/D0/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 pc
GTIN	 4 046356 948159
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	87.6 mm
Height	109.8 mm
Depth	63 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
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Active module - VIP-8RPT-24DC/21/D0/FU/PLC - 2903601

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Ambient conditions

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	green
Standards/regulations	DIN EN 50178

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

Active module - VIP-8RPT-24DC/21/D0/FU/PLC - 2903601

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Connection data for connection 2

Connection name	Contact side
Connection method	Push-in connection
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
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

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CSA / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

Active module - VIP-8RPT-24DC/21/D0/FU/PLC - 2903601

Approvals

CSA	
mm ² /AWG/kcmil	26-16
Nominal voltage UN	240 V

UL Recognized	
mm ² /AWG/kcmil	26-14
Nominal voltage UN	250 V

cUL Recognized	
mm ² /AWG/kcmil	26-14
Nominal voltage UN	250 V

cULus Recognized	
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Drawings

Diagram



Circuit diagram

