

5034 PointMax™

5034-IV8-SC

8-Ch 24 V DC Digital Input (Sourcing)



Features

- Eight configurable 24 V DC input points
- High-performance sourcing inputs with user-programmable sensitivity
- Features 250 V AC RMS, basic insulation type channel-to-backplane isolation
- Includes Add-on Profile to allow full configuration using Studio 5000® software
- Provides low power consumption
- Applicable for voltages from 10 V DC to 32 V DC
- Fault and diagnostic detection
- Input timestamping support
- Counter datatype AOP configuration option (up to 4)
- This module comes with TechConnect™ support from Rockwell Automation at no additional cost to you

Find a distributor at

[Spectrumcontrols.com/distributors](https://spectrumcontrols.com/distributors)

Questions?

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Specifications

Number of Inputs	8 (powered) sourcing digital input channels
Input Type:	
Source (nominal)	24 VDC
Range	0 to 32 VDC
Voltage; off-state input, maximum:	5 VDC
Current; off-state input, minimum:	1.5 mA
Current; on-state, input minimum:	2 mA
Current; on state input, nominal	2.4 mA
Current; on-state input, maximum:	2.8 mA
Voltage; on-state input, maximum	32 VDC
Voltage; on-state input, nominal	24 VDC
Voltage; on-state input, minimum	10 VDC
Voltage; sensor source, maximum	30 V
Voltage; sensor source, minimum	11 V
Overvoltage Protection	36 VDC (fuse-protected)
Input Impedance	5 K minimum - 16 K maximum
Input Transition Delay, Screw to Backplane:	
Time, Off-to-On:	150 µSec
Time On-to-Off:	150 µSec
Input Pulse Width:	
On-Off-On:	125 µSec
Off-On-Off:	125 µSec
Power Dissipation	1.6 Watts
Backplane power ratings:	
MOD Power:	Module draws no more than 200 mW from MOD power bus
SA Power:	Module draws no more than 1.4 Watts from SA power bus
Environmental Conditions:	
Operational Temperature:	-25 °C - +60 °C (32 °F - +140 °F)
Storage Temperature:	-40 °C - +85 °C (-40 °F - +185 °F)
Relative Humidity:	5% - 95% (non-condensing)
Certifications	UL/cUL Listed ANSI ISA 12.12.01 (Class I, Div 2, Groups ABCD), CE, ATEX, CCCEX, CMIM, UKCA, IECEx