

5034 PointMax™

5034-OV8-SC

8-Ch Digital Output (Sinking)



Features

- Eight configurable 24 V DC sinking output points
- Features 250 VAC RMS, basic insulation type channel-to-backplane isolation
- Includes Add-on Profile to allow full configuration using Studio 5000® software
- On state voltage and current, minimum: 10 VDC and 1 mA
- On state voltage and current, maximum: 32 VDC and 0.5 A
- Provides low power consumption
- Removal and insertion under power (RIUP)
- Short circuit and open load detection
- Output scheduling
- Applicable for voltages from 10 VDC to 32 VDC
- 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 Outputs	8 (powered) sinking digital output channels
Output Type:	
Sinking (nominal)	24 VDC
Range	0 to 32 VDC
Voltage; off-state voltage, maximum:	5V DC with 5 mA min load (Off-State Open Wire Detection is Enabled) 5V DC with 1 mA min load (Off-State Open Wire Detection is Disabled)
Current; on-state, minimum:	1 mA
Current; on-state, maximum:	0.5 A per point, not to exceed 4 A per module
Voltage; on-state, maximum	32 VDC
Voltage; on-state input, nominal	24 VDC
Voltage; on-state input, minimum	10 VDC
On State Voltage Drop (Max)	0.25 VDC
Off State Leakage Current (Max)	0.5 mA per point (Off-State Open Wire Detection is Enabled) 0.05 mA per point (Off-State Open Wire Detection is Disabled)
Surge Current per point (Max)	1.5 A for 10 ms, repeatable every 3 seconds
Overvoltage Protection	36 VDC (fuse-protected)
Inductive load allowed (Max)	1.2 H
Output clamping voltage for inductive load when turned off	SA voltage – 44 V (typical -20 V when SA is 24 V)
Maximum On-Off Output Rise Time	10 uS at 0.5 A, 24 V Resistive Load
Maximum Off-On Output Fall Time	10 uS at 0.5 A, 24 V Resistive Load
Minimum Pulse Width	20 uS at 0.5 A, 24 V Resistive Load
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