



Model: M-7017R-A5

M-7017R-A5

8-channel High Voltage Input Module

Specifications

Analog Input	
Input Channels	8
Input Type	+/-50V, +/-150V DC
Resolution	16-bit (Normal Mode) / 12-bit (Fast Mode)
Sampling Rate	10 samples/ second (Normal Mode) total 50 samples/ second (Fast Mode) total
Accuracy	+/-0.1% of FSR(Normal Mode) or better +/-0.25% of FSR (Fast Mode) or better
Band Width	15.7Hz (Normal Mode) 78.7Hz (Fast Mode)
Zero drift	+/-20uV/°C
Span drift	+/-25ppm/°C
Input Impedance	290K Ohms
Common Mode Rejection	86dB min.
Normal Mode Rejection	100dB
Over Voltage Protection	200 V DC
4KV ESD Protection	Yes
Intra-module Isolation, Field to Logic	3000 VDC
Interface	
Interface	RS-485
Format	N, 8, 1
Buad Rate	1200 ~ 115200bps
LED Display	
1 LED as Power/ Communication indicator	
Power	
Input	+10 to +30 Vdc
Power Consumption	1.7W
Protocol	
Support Modbus and DCON Protocol	Yes
Environment	
Operating temperature	-25 to 75°C
Storage temperature	-40 to 85°C
Humidity	5 to 95%, non-condensing

Ordering Information

M-7017R-A5-G CR	8-channel High Voltage Input Module (RoHS) with CA-5810 x 2 (Gray Cover) (RoHS)
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Related Products

Converters	USB, RS-232, Fiber Optical to RS-485 Converters and Repeaters
Power Supply	24V DC power supply
Relay Module	External relay modules for M-7000 DO module
Learning Kit	Learning kit
Application Books	Application books designed with our products
Data Logger Software	User friendly data logger software (free)