



Features

- Ethernet-based Smart I/O
- Mixed I/O in single module
- Pre-built HTTP server and web page for data/alarm monitoring
- User-defined web pages
- Active alarm/event handling
- Modbus/TCP protocol
- Remote F/W upgrade through the internet
- Pre-built mathematic functions in analog input modules

Specifications

Input	
Channels	7 differential
Input Type	Pt, Balco, and Ni RTD
Input Impedance	10 kΩ
CMR @ 50/60 Hz	150 dB
NMR @ 50/60 Hz	100 dB
Resolution	16 bits
Accuracy	± 0.05 % or better
Input Connections	2 or 3 wire
Sampling Rate	10 samples / sec
Span Drift	± 25 ppm / °C
Zero Drift	± 3 μV / °C

General	
Certifications	CD, FCC class A
Connectors	(1) RJ-45 (LAN) Plug-in screw terminal block (I/O & Power)
Dimensions	70 x 112 x 25 mm (WxHxD)
Enclosure	ABS+PC
LAN	10/100 Base-T
LED Indicators	Power & Communication
Mounting	DIN 35 rail, stack, wall
Power Consumption	2 W (typical)
Power Input	Unregulated 10 ~ 30 VDC
Relative Humidity (non-condensing)	Operating: 20 ~ 95% Storage: 0 ~ 95%
Temperature	Operating : -10 ~ 70° C Storage: -20 ~ 80° C

RTD Types and Temperature Ranges	
Pt 100 RTD	-50° C to 150° C 0° C to 100° C 0° C to 200° C 0° C to 400° C -200° C to 200° C IEC RTD 100 ohms.= 0.00385 JIS RTD 100 ohms.= 0.00392
Pt 1000 RTD	-40 ~ 160° C
Balco 500 RTD	-30 ~ 120° C
Ni 518	-80 ~ 100° C 0 ~ 100° C

Protection	
Power Reversal Protection	
Individual Wire Burn-out Detection	
Watchdog Timer	Yes, Programmable (Comm.)
Isolation Protection	2,000 VDC

