

EDAM-5017

16-ch Analog Input Module with 2-ch
Isolated DI and 1-ch DO



Features

- ◆ Protocol USB2.0 TCP/IP, MODBUS RTU, MODBUS TCP ASCII Command
- ◆ Support USB2.0, 10/100 Ethernet, RS485/232C, CAN(optional)
- ◆ Fully photo-isolation 3750Vrms
- ◆ Wide supply voltages (10~30V)

Specifications

Interface:

Communication	USB2.0, 10/100 Ethernet, RS485/232C, CAN(optional)
Protocol	TCP, UDP, DHCP, ARP, MODBUS RTU, MODBUS TCP ASCII Command
LED indication	LED for Power, USB, Ethernet and 32 LEDs as Digital indicators
Isolation voltage	3000VDC

Analog Input :

Effective resolution	16-bit
Input channels	16 channels Analog input
Input type	Voltage, Current
Input range	$\pm 10V$, $\pm 5V$, $\pm 2.5V$, $\pm 1V$, $\pm 500mV$, $\pm 15mV$, $0\sim 20mA$, $4\sim 20mA$
Sampling rate	10 Samples / Second
Input Impedance	10M Ω
Accuracy	$\pm 0.05\%$ or better
Zero drift	$\pm 20\mu V/^\circ C$
Span drift	25 ppm/ $^\circ C$

Digital Input :

Input Channel	2 channels
Input Type	Voltage or Switch On/Off
Input impedance	Logic Low : $0 < V_{in} < 3V_{dc}$ Logic High : $5V < V_{in} < 24V_{dc}$
Isolation voltage	2000V

Digital Output :

Output Channel	1 channel
Output Ty	Open Collect to 30Vdc/3A(max)
Isolation voltage	2000V

Power requirement :

Consumption	1.5 W/Typical, 2W/max
Power input	USB powered (400mA max.) or external unregulated $+10 \sim +30 VDC$
Humidity	5 ~ 95% RH, non-condensing

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