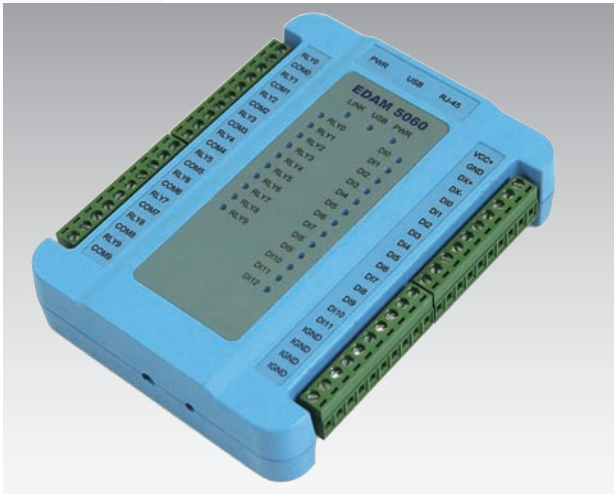


# EDAM-5060

10-ch Relay and 12-ch Isolated Digital Input Module



## Features

- ◆ Support USB2.0, 10/100 Ethernet, RS485/232C, CAN(optional)
- ◆ Protocol USB2.0 TCP/IP, MODBUS RTU, MODBUS TCP ASCII Command
- ◆ Support isolated input channels
- ◆ 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 Digital indicators
Isolation voltage	3000 VDC

Contact rating	AC 0.5A/125V DC 1A/30V, 0.3A/110V
Breakdown voltage	OPEN Contacts: 1000VAC Contacts and coil: 1000VAC
FCC Surge Voltage	Contacts and coil: 1500V
Insulation resistance	100M ohm(at 500VDC)
Operate time	6ms
Release time	4ms
Min. operations	500000 times (At 1A/30VDC)

### Digital input:

Input Channel	12 channels
Input Type	Voltage or Switch On/Off Logic Low for 3Vdc maximum Logic High for 5Vdc minimums
Isolation Voltage	2000V

### Power requirement :

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

### Relay Output :

Relay Channels	10 Relay output
Relay Type	Form-A (DPDT)
Contact rating	AC 0.5A/125V

### Block diagram

