

EDAM-9061A / 9461

6 digital input channels and
6 relay output channels module



Features

- ◆ Support Modbus/TCP, TCP/IP, UDP, ICMP, ARP
- ◆ Ethernet 10/100 Based-T Communication
- ◆ Support 6 relay channels. (Form A)
- ◆ Provide Auto-Off Time of digital output
- ◆ Support Automatic DIO Synchronization func.
- ◆ Support 6 Isolated digital Input Channels
- ◆ Provide Counter Inputs Mode
- ◆ Support Dry/Wet Contact Inputs
- ◆ Provide **PoE** function(only for EDAM-9461)
- ◆ Fully Photo-Isolation 3750Vrms

Specifications

- ✧ Interface: Ethernet 10/100 Based-T communication.
- ✧ COMM.: Support TCP/IP, UDP, ICMP, ARP
- ✧ Protocol: ASCII Format, Modbus/TCP
- ✧ Power Over Ethernet(**PoE**): only for EDAM-9461
- ✧ Isolation Digital Input:
 - Channel: 6 channels (DI0~DI5)
 - Input Level: Logic level status can be inverted via ASCII/Modbus command.
 - Digital input: Isolated single ended with common source.
- Dry Contact :
 - ✓ Logic level 1(active) : Close to DI GND
 - ✓ Logic level 0 (inactive): Open
- Wet Contact :
 - ✓ Logic level 1(active) : +10V to 50VDC
 - ✓ Logic level 0 (inactive): 0V to +3VDC
- counter input: 500Hz counter input (32-bit + 1-bit overflow)
- Optical Isolation Voltage: 3750Vrms

✧ Relay Output :

- Relay Channels: 6 Relay output (DO0~DO5)
- Relay Type: Form-A
- Relay contact rating : **0.6A/125Vac, 2A/30Vdc**
- Surge strength: 500V
- Operate Time: 3mS max.
- Release Time: 2mS max.
- Min Life: 5×10^5 ops.
- Each channel supports 500Hz pulse output

✧ Power Requirement:

- Power Consumption: 1.8 W (Typical)
- Power Input: +10 ~ +30 VDC
- Humidity : 5 ~ 95% RH, non-condensing

Order information

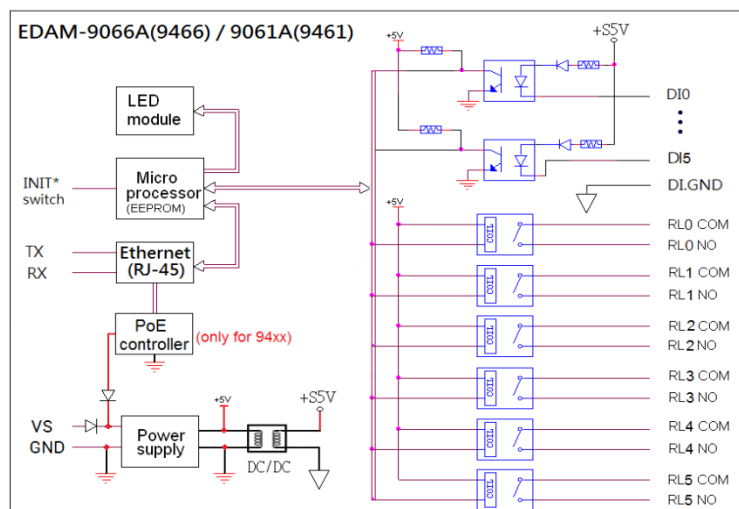
EDAM-9061A :

6 channels digital input and 6 power relay module

EDAM-9461 : 6 DI/6 relay POE module

Flexible OEM/ODM design

Block Diagram



Wire Connection

