

inLog

L-9050AB

12 digital input channels and 6 digital output channels module



Features

- ◆ Support Modbus/TCP, TCP/IP, UDP, ICMP, ARP
- ◆ Ethernet 10/100 Based-T Communication
- ◆ Support 6 Isolated digital output channels (NPN).
- ◆ Provide Pulsed/delay Output Mode
- ◆ Support 12 Isolated digital Input Channels
- ◆ Provide Counter/ Frequency Inputs Mode
- ◆ Support **Wet Contact** Inputs
- ◆ Fully Photo-Isolation 3750Vrms
- ◆ Status LED indicator

Specifications

- ✧ Interface: Ethernet 10/100 Based-T communication.
- ✧ COMM.: Support TCP/IP, UDP, ICMP, ARP
- ✧ Protocol: ASCII Format , Modbus/TCP
- ✧ Isolation Digital Input with **Wet Contact**:
 - Channel: 12 channels (DI0~DI11)
 - Input Level: Logic level status can be inverted via ASCII/Modbus command.
 - Digital input: Isolated single ended with **common source**.
 - Wet Contact :
 - ✓ Logic level 0 (active) : +2 Vac max
 - ✓ Logic level 1 (inactive) : +5V to +30VDC max.
 - Input Impedance: 2K ohm (Wet Contact)
 - Counter input: 500Hz counter input (32-bit + 1-bit overflow)
 - Optical Isolation Voltage: 3750Vrms
- ✧ Isolation Digital Output :
 - Digital Output: isolated Open collector (NPN) .
 - Channel: 6 channels (DO0~DO5)

- Output logical level: Logic level status can be inverted via ASCII/Modbus command.
- Open Collector to +5 ~ 30V / 500 mA max load.
- Optical Isolation Voltage: 3750Vrms
- Each channel supports 1KHz pulse output
- ✧ Display: Status LED indicator
- ✧ Power Requirement:
 - Power Consumption: 1.8 W (Typical)
 - Power Input: +10 ~ +30 VDC
 - Humidity : 5 ~ 95% RH, non-condensing

Order information

L-9050(A) :

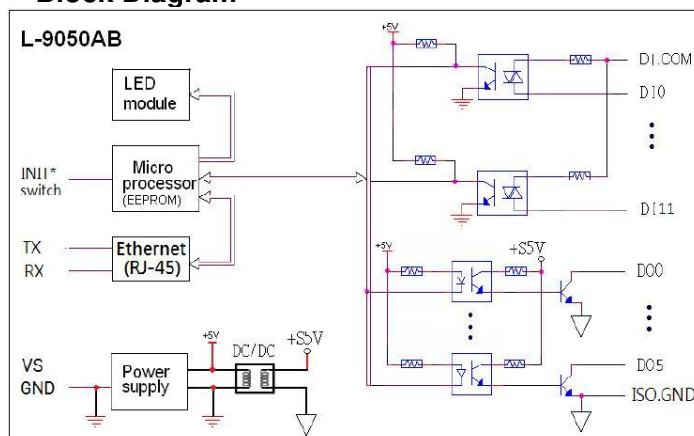
12 channels digital input(**Dry Contact**) and 6 channels output module.

L-9050AB :

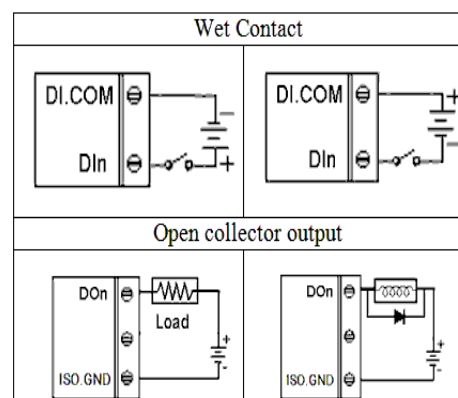
12 channels digital input(**Wet Contact**) and 6 channels output module.

Flexible OEM/ODM design

Block Diagram



Wire Connection



Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660