inLog

L-8041D

14 Channels Isolated Digital Input Module with LED display

Features

- Support 8 non-Isolated digital Output
- Open Collector Output
- 14 Isolated Single-Ended input channels
- Input channel support max. 50Hz counter
- Programmable Host Watchdog Timer for Host Failure Protection.
- Support MODBUS RTU and ASCII Format Protocol.

■ Specifications

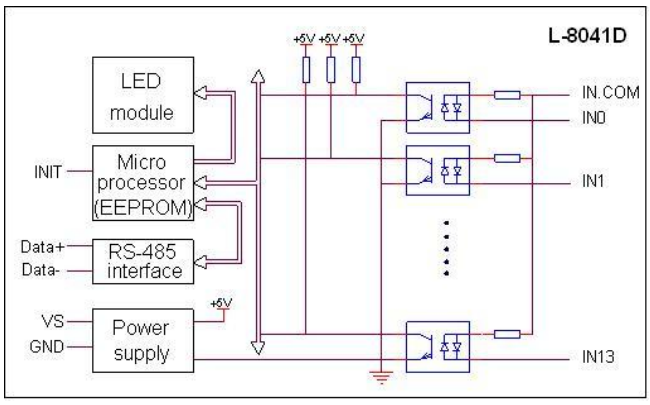
- ✧ Interface : RS-485, 2 wires
- ✧ Baud rate : 1200 to 115.2K
- ✧ Protocol : MODBUS RTU and ASCII Command
- ✧ Digital Input:
  - ➢ Input channels: 14-channels isolated Single-Ended with common source.
  - ➢ Logical level 0 : +1Vdc Max
  - ➢ Logical level 1: +4.0V ~ +30Vdc
  - ➢ Input impedance: 3K ohms
  - ➢ Input isolation Voltage: 3750Vrms
  - ➢ Input counter : Support max. 50Hz counter
- ✧ Watchdog timer:
  - ➢ Programmable Host Watchdog Timer For Host Failure Protection.
  - ➢ System (1.6 second).
- ✧ LED: 14 digital Input status LED
- ✧ EMS Protection: IEC-61000-4-2 (EDS) Level 4.
- ✧ Power Requirement:
  - ➢ Power input : +10V to +30VDC
  - ➢ Power Consumption : 1.2W(8041D)
- ✧ Operating temperature: -10 ~ 70° C (14 ~ 158° F)
- ✧ Humidity: 5 ~ 95%, non-condensing

■ Order information

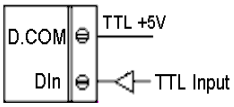
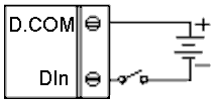
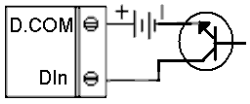
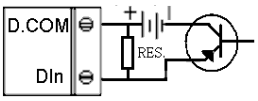
L-8041D :
14 Channel Isolated Digital Input Module with LED display

■ Flexble OEM/ODM design

■ Block Diagram



■ Wire connection

TTL/COMS Signal input	Contact Closure input
	
NPN Output signal Input	**PNP Output signal Input**
	

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