

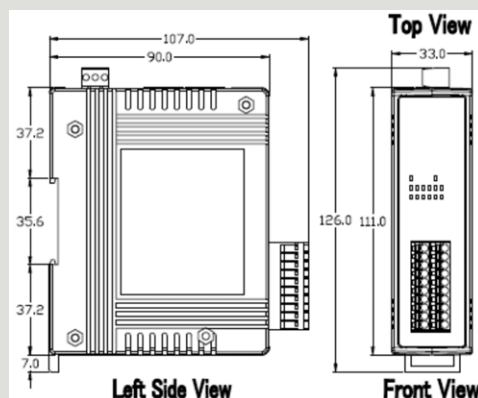


EtherNet/IP Series Products

Isolated 16-ch DI EtherNet/IP module



EIP-2051



Dimensions

The EIP-2051 is a remote digital input module with 16 inputs. It is designed as an EtherNet/IP adapter. Users can obtain the input status as well as the connection status of the EIP-2051 by the LEDs indication. In addition, ICPDAS provides software utility to easily configure and test the EIP-2000 modules via Ethernet.

Features

- Transfer protocol: EtherNet/IP
- Powerful 32-bit MCU handles efficient network traffic
- 10/100 Base-TX Ethernet, RJ-45 x 2 (Auto-negotiating, auto MDI/MDIX, LED Indicators)
- Support ARP, TCP, UDP, ICMP, DHCP, BOOTP and TFTP protocols
- Easy firmware update via Ethernet
- Removable terminal block connector
- LED display to indicate the I/O status
- Built-In I/O
 - DI/Counter: 16 Channels
- RoHS compliant



Utility Features

ICPDAS provides the EIP-2000 configuration utility for Windows 2K/XP/Vista and Win 7.

- Network parameters configuration
- DI counters inspection
- Functions configuration such as DI counters set zero
- Easy test to transmit/receive the I/O status by EtherNet/IP
- Setting files management

Wire connection

Input	ON	OFF
Relay Contact (Dry)	Relay Close	Relay Open
Open Collector (Dry)	ON	OFF
Relay Contact (Wet)	Relay Close	Relay Open
NPN Output (Wet)	ON	OFF

Hardware Specifications

Digital Input		
Channels		16
Input Type		Dry Contact: Source, Wet Contact: Sink / Source
Dry Contact Level		Off Voltage Level: Open On Voltage Level: Close to GND
Wet Contact Level		Off Voltage Level: +4V max On Voltage Level: +10 V ~ +50 V
Counters	Channels	16
	Max. Counts	32-bit (4294967295)
	Max. Input Frequency	5 kHz
Photo-Isolation		3750 V _{DC}
Connector		10/100 Base-TX, 8-pin RJ-45 x 2. Support daisy chain connection.
Standard Supported		IEEE 802.3 Ethernet/IP
Power		
Input Voltage Range		10V ~ 30V
Power Consumption		1.6W
Mechanism		
Installation		DIN-Rail
Dimensions		110mm x 90mm x 33mm (H x W x D)
Environment		
Operating Temperature		-25°C ~ +75°C
Storage Temperature		-30°C ~ +80°C
Humidity		10% ~ 90%

Applications



Ordering Information

EIP-2051 CR	Isolated 16-ch DI EtherNet/IP Module (RoHS)
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