

NEIO-B1201/B1202

32-CH Digital Output EtherCAT Slave Module



NEIO-B1201



NEIO-B1202

Main Features

- ◆ Finger-safe wiring cover
- ◆ Detachable screw terminals
- ◆ Rotational pin-assignment marks
- ◆ On-module LED indicators
- ◆ User-friendly wiring label
- ◆ Multiple mounting methods

Product Overview

NEIO-B1201 is a 32-channel NPN type digital output EtherCAT slave module. Its normal output voltage is 24 V_{DC}, and it supports resistive, inductive types of loads. NEIO-B1202 is a 32-channel PNP type digital output EtherCAT slave module. Its normal output voltage is 24 V_{DC}, and it supports three types of loads - resistive, inductive and capacitive. All of the NEIO modules are provided with high isolation protection, and verified by the EtherCAT conformance test tool. Therefore NEIO is a reliable module to implement in your applications.

Specifications

Digital Output

Model Name	NEIO-B1201	NEIO-B1202
Type	NPN	PNP
Output Voltage	24 V _{DC}	24 V _{DC}
Load Type	Resistive, Inductive	Resistive, Inductive, Capacitive
Max. Output Current	500 mA/ch	500 mA/ch
Switching Times	Off to On: 100 μs On to Off: 150 μs	Off to On: 100 μs On to Off: 150 μs

Communication

- ◆ Protocol: EtherCAT
- ◆ Bus interface: 2 x RJ-45 (daisy-chain)
- ◆ Media: Ethernet cable (min. CAT 5), shielded
- ◆ Distance between stations: maximum. 100m (100BASE-TX)
- ◆ Data transfer rate: 100M baud

Power Requirements

- ◆ DC input range: DC 24V ±20% with over-voltage and reversed-voltage protection

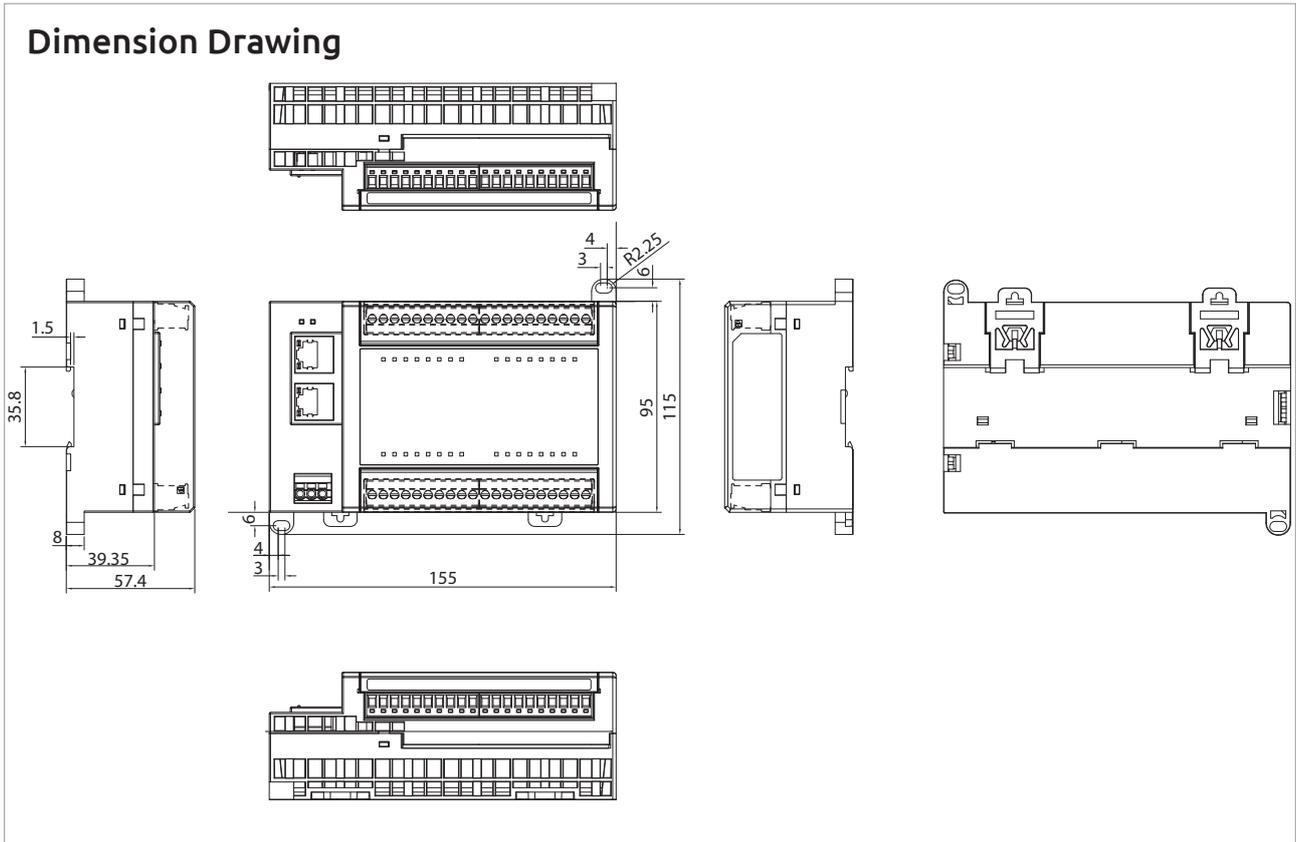
Model Name	NEIO-B1201	NEIO-B1202
Power Consumption	2 W	2 W

Common Section

- ◆ Electrical isolation: 2.5 kV (power contact)
- ◆ Operating temperature: 0°C~55°C
- ◆ Storage temperature: -40°C~85°C
- ◆ Relative humidity: 5~95%, non-condensation, non-operating
- ◆ Shock: IEC 60068-2-27
- ◆ Vibration: IEC 60068-2-6, IEC 60068-2-64
- ◆ Enclosure type rating: IP20
- ◆ Mounting type: din-rail (35mm), wall-mount
- ◆ Dimensions (mm): 155 x 115 x 57.4 (W x H x D)

Certifications

- ◆ CE
- ◆ FCC Class A



Ordering Information

- ♦ **NEIO-B1201 (P/N: 10J80120100X0)**
32-CH digital output EtherCAT slave module (NPN)
- ♦ **NEIO-B1202 (P/N: 10J80120200X0)**
32-CH digital output EtherCAT slave module (PNP)
- ♦ **AC to DC din rail power supply (P/N: 7440060001X00)**
60 W 24V/2.5A for NISE

