

EtherCAT I/Os-NEIO Series



-Standard EtherCAT I/Os



-Rich I/O Selections



-Ease-of-maintenance

EtherCAT



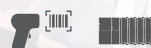
Analog I/O

NEIO-B1841/1842 (AI/O)



Serial Comm.

NEIO-B1603 (COM)



Digital I/O

NEIO-B1101/1102 (DI)
NEIO-B1201/1202 (DO)
NEIO-B1811/1812 (DI/O)



Encoder

NEIO-B1851 (En/DI/O)



Relay

NEIO-B1261



NEIO is a series of EtherCAT I/O modules for distributed industrial applications. Each module is equipped with high density I/O (up to 32 points) and powerful features in a compact size. DIN-rail design and daisy-chain wiring powered by EtherCAT technology make it easy to install NEIO modules in the field. NEIO provides wide variety of I/O combinations with standard ESI file so that users can always find suitable I/O modules for their high-speed EtherCAT-based applications.

High Protection

3-way Isolation

- LAN Isolation
- Power Isolation
- I/O Signal Isolation
- Electrical Isolation: 2.5kV

Surge Protection

- LAN Surge: $\pm 1\text{kV}$
- Power Surge: $\pm 1\text{kV}$
- I/O Signal Surge: $\pm 1\text{kV}$



Heavy-ind. Use

- CE/FCC Certification
- EN 61000-6-4
- EN 61000-6-2

ESD Protection

- Contact: $\pm 6\text{kV}$
- Air: $\pm 8\text{kV}$
- CE/FCC Certification

Product Selection Guide

Digital Input/Output Module

Model Name	Channels	Type	Description	Ordering No.
NEIO-B1101	32-ch DI	PNP	24V _{DC} , filter 3ms (IEC 61131-2 type 1/2/3)	10J80110100X0
NEIO-B1102	32-ch DI	PNP/NPN	24V _{DC} , filter 1ms	10J80110200X0
NEIO-B1201	32-ch DO	NPN	24V _{DC} , output current 0.5A	10J80120100X0
NEIO-B1202	32-ch DO	PNP	24V _{DC} , output current 0.5A	10J80120200X0
NEIO-B1811	16-ch DI 16-ch DO	DI: PNP DO: NPN	16-ch DI, 24V _{DC} , filter 3ms (IEC 61131-2 type 1/2/3) 16-ch DO, 24V _{DC} , output current 0.5A	10J80181100X0
NEIO-B1812	16-ch DI 16-ch DO	DI: PNP/NPN DO : PNP	16-ch DI, 24V _{DC} , filter 1ms 16-ch DO, 24V _{DC} , output current 0.5A	10J80181200X0

Mixed Analog Input/Output Module

Model Name	Channels	AI Signal	DI/O Type	Description	Ordering No.
NEIO-B1841	8-ch AI 2-ch AO 8-ch DI 8-ch DO	single-ended	DI: PNP/NPN DO : PNP	8-ch AI, 16-bit, voltage, current 2-ch AO, 16-bit, voltage, current 8-ch DI, 24V _{DC} , filter 1ms 8-ch DO, 24V _{DC} , output current 0.5A	10J80184100X0
NEIO-B1842	4-ch AI 2-ch AO 8-ch DI 8-ch DO	differential	DI: PNP/NPN DO : PNP	4-ch AI, 16-bit, voltage, current 2-ch AO, 16-bit, voltage, current 8-ch DI, 24V _{DC} , filter 1ms 8-ch DO, 24V _{DC} , output current 0.5A	10J80184200X0

Communication Module

Model Name	Channels	Description	Ordering No.
NEIO-B1603	4-ch	1-ch RS-232/422/485 3-ch RS-422/485	10J80160300X0

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