

High-speed digital input module: NP1X3206-A

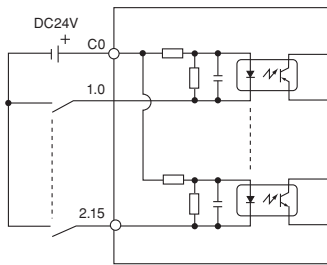
- Digital input module with pulse catch input
- Pulse catch input of min. 20 μ s or normal input
- Pulse counter input function of max. 20 kHz, 4 ch (2-phase)

Specifications

Model	Input format	No. of input points	Rated voltage	Rated current	Standard operation range		Input delay time		Insulation method	Status indication	No. of points/common	External connections	Internal current consumption (24 V DC)	Weight
					OFF→ON	ON→OFF	OFF→ON	ON→OFF						
NP1X3206-A	24V DC source type	32 points	24 V DC	4 mA	15 to 30 V	0 to 5 V	0 to 100 ms	Variable by parameter setting	Photocoupler insulation	LED indication	32 points x 1	Connector	50 mA or less	Approx. 130 g

Internal circuit diagram

NP1X3206-A



Pulse train output built-in digital output module: NP1Y32T09P1-A

- Module with transistor output and pulse train output built-in
- Pulse train output (20 kHz) can be selected up to max. 4 ch x 2 phases

Specifications

Model	Output format	No. of output points	Rated voltage	Max. load current		Output delay time		Insulation method	Status indication	No. of points/ surge protection	External connections	Internal current consumption (24 V DC)	Weight	
				1 point	Common	OFF→ON	ON→OFF							
NP1Y32T09P1-A	Transistor output sink type	32 point	12 to 24 V DC	0.12A	3.2 A	Port 1 to 8: 20 μ s or less	Port 9 to 32: 1 ms or less	Photocoupler insulation	LED indication	32 points x 1	Zener diode	Connector	50 mA or less	Approx. 200 g

Built-in pulse train output specifications

Item	Specifications
No. of pulse train output channels	4 channels (max.) x 2 phases (Only with the pulse train output mode selected)
Max. output frequency	20 kHz
Pulse output mode	(1) Forward pulse, reverse pulse (2) Pulse train + sign
Output pulse counting method	Built-in 16-bit up-down counter
Operation mode	Start, stop, clear Ring operation Frequency/rotation direction/output form setting
No. of general-purpose output points	32 points (min. 24 points in pulse train output mode)

Internal circuit diagram

NP1Y32T09P1-A

