Pro-face

Digital Human Machine Interface

Device/PLC Connection Manuals

About the Device/PLC Connection Manuals

Prior to reading these manuals and setting up your device, be sure to read the "Important: Prior to reading the Device/PLC Connection manual" information. Also, be sure to download the "Preface for Trademark Rights, List of Units Supported, How to Read Manuals and Documentation Conventions" PDF file. Furthermore, be sure to keep all manual-related data in a safe, easy-to-find location.

A CHINO Corporation

A.1 Maximum Number of Consecutive Device Address

The following lists the maximum number of consecutive addresses that can be read. Refer to these tables to utilize *Block Transfer*.

Note:

When the device is setup using the methods below, the Data Communication Speed declines by the number of times the device is read.

- **When consecutive addresses exceed the maximum data number range**
- **When an address is designated for *division***
- **When device types are different**

To speed up data communication, plan the tag layout in screen units, as consecutive devices. (Includes the Alarm and Trend screens.)

■ Controller

LT/JU Series

Device	Max No. of Consecutive Address
Digital Setting Value	1 Bit
Digital Input Data	64 Bits
Analog Input Data	16 Words
Analog Setting Value	16 Words

A.2 Device Codes and Address Codes

Device codes and address codes are used to specify indirect addresses for the E-tags or K-tags.

The word addresses of data to be displayed are coded and stored in the word address specified by the E-tags and K-tags. (Code storage is done either by the PLC, or with T-tag and K-tags)

■ Controller

LT/JU Series

Device	Word Address	Device Code	Address Code
Digital Setting Value	00001 ~ 01000	0x8000	Cannot be set.
	01001 ~ 02000	0x8200	
	02001 ~ 03000	0x8400	
	03001 ~ 03000	0x8600	
	04001 ~ 05000	0x8800	
	05001 ~ 06000	0x9A00	
	06001 ~ 07000	0x9C00	
	07001 ~ 08000	0x9E00	
	08001 ~ 09000	0xA000	
	09001 ~ 09999	0xA200	
Digital Input Data	10001 ~ 11000	0xA400	
	11001 ~ 12000	0xA600	
	12001 ~ 13000	0xA800	
	13001 ~ 13000	0xAA00	
	14001 ~ 15000	0xAC00	
	15001 ~ 16000	0xAE00	
	16001 ~ 17000	0xB000	
	17001 ~ 18000	0xB200	
	18001 ~ 19000	0xB400	
	19001 ~ 19999	0xB600	
Analog Input Data	30001 ~ 31000	0x0000	Address Code-1
	31001 ~ 32000	0x0200	Address Code-1001
	32001 ~ 33000	0x0400	Address Code-2001
	33001 ~ 33000	0x0600	Address Code-3001
	34001 ~ 35000	0x0800	Address Code-4001
	35001 ~ 36000	0x0A00	Address Code-5001
	36001 ~ 37000	0x0C0	Address Code-6001
	37001 ~ 38000	0x0E00	Address Code-7001
	38001 ~ 39000	0x1000	Address Code-8001
	39001 ~ 39999	0x1200	Address Code-9001
Analog Setting Data	40001 ~ 41000	0x1400	Address Code-1
	41001 ~ 42000	0x1600	Address Code-1001
	42001 ~ 43000	0x1800	Address Code-2001
	43001 ~ 43000	0x1A00	Address Code-3001
	44001 ~ 45000	0x1C00	Address Code-4001
	45001 ~ 46000	0x1E00	Address Code-5001
	46001 ~ 47000	0x2000	Address Code-6001
	47001 ~ 48000	0x2200	Address Code-7001
	48001 ~ 49000	0x2400	Address Code-8001
	49001 ~ 49999	0x2600	Address Code-9001
LS Area	LS0000 ~	0x4000	Word Address