

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.

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Matsushita Electric Works

A.1

Maximum Number of Consecutive Device Address

The following lists the maximum number of consecutive addresses that can be read by each PLC. 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.)

■ PLCs

<MEWNET Series>

Device	Max. No. of consecutive Address	Device	Max. No. of Consecutive Address
Input Relay X	27 Words	Link Register Ld	27 Words
Output Relay Y		Data Register /Special Data Register DT	
Internal Relay R		File Register FL	
Link Relay L		Timer/Counter (setup value) SV	24 Words
Special Relay R		Timer/Counter (elapsed value) SV	
Timer (contact) T	8 Words	/	
Counter (contact) C			

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)

■ PLCs

<MEWNET Series>

	Device	Word Address	Device code (HEX)	Address code
Bit Device	Input Relay	WX000~	8000	Word Address
	Output Relay	WY000~	8800	Word Address
	Internal Relay	WR000~	9000	Word Address
	Link Relay	WL000~	C 800	Word Address
	Special Relay	WR900~	9000	Word Address
Word Device	Timer/Counter (elapsed value)	EV0000~	6000	Word Address
	Timer/Counter (elapsed value)	SV0000~	6800	Word Address
	Data Register/ Special Data Register	DT000~	0000	Word Address
	Link Register	Ld0000~	4800	Word Address
	File Register	FL00000~	5800	Word Address
	Special Data Register	DT90000~	7000	Word Address
	LS area	LS0000~	4000	Word Address