General Specifications

VP6F9196, VP6F9196A
ControlLogix Ethernet
Communication Package
(for ALE111)

CENTUM VP

GS 33J30Z39-01EN

[Release 6]

■ GENERAL

The ControlLogix Ethernet Communication Package (for ALE111) is a subsystem communication package that is compatible with the ControlLogix manufactured by Rockwell Automation Allen-Bradley.

The Field Control Station (FCS) can communicate with the ControlLogix via the ALE111 communication module installed in a node unit.

■ FUNCTION SPECIFICATIONS

Number of Communicable PLC Station
Max.30 stations per ALE111

Number of Communicable Data
Max.1,000 words per ALE111

Transmission Specifications

Interface	Ethernet (10BASE-T)
Protocol	TCP/IP CIP/PCCC
Transmission code	Binary
Available station (s)	Only the station (s) connected to ALE111
Port No. of ControlLogix	Fixed to 44818 (hexadecimal AF12)

Accessible Files and Data Size

File type	File name	Communication command (CMD/FNC)		Maximum assignment in words (*1)	Remark
		Read	Write		
Bit file	Output image file	0F/01	Not allowed	64 (1024 bits)	16 bits/1 word
	Input image file			64 (1024 bits)	16 bits/1 word
	Status file			64 (1024 bits)	16 bits/1 word
	Bit file		0F/00	100 (100 data)	1 datum/1 word
Word file	Timer file	0F/01	0F/00	96 (16 data)	1 datum/6 words
	Counter file			96 (16 data)	1 datum/6 words
	Control file			96 (16 data)	1 datum/6 words
	Integer file			100 (100 data)	1 datum/1 word
	Floating point file			100 (50 data)	1 datum/2 words

*1:   Data size in one communication frame.

Applicable device
ControlLogix (Logix5550 and Logix5555) manufactured by Rockwell Automation Allen-Bradley.

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■ OPERATING ENVIRONMENT

Operating environment of hardware, software and enginnering is similar to the system requirements of CENTUM standard function needed when the communication module that this communicating software is used.

■ RESTRICTION

• This package does not support redundancy.

■ MODEL AND SUFFIX CODES

● **ControlLogix Ethernet Communication Package (for ALE111)**

		Description
Model	VP6F9196	ControlLogix Ethernet Communication Package (for ALE111)
Suffix Codes	-W	Basic software license
	1	Always 1
	1	English version
	-F□□□	□□□: 001 to 064 (The number of FCSs with this software)

● **ControlLogix Ethernet Communication Package (for ALE111) (no media)**

		Description
Model	VP6F9196A	ControlLogix Ethernet Communication Package (for ALE111) (no media)
Suffix Codes	-W	Basic software license
	1	Always 1
	1	English version
	-F□□□	□□□: 001 to 064 (The number of FCSs with this software)

■ TRADEMARKS

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