4 MODULE SPECIFIC INSTRUCTION

4.1 Network Common Instruction

Link dedicated instruction

■Reading data from another station programmable controller

Instruction symbol	Description	Reference
GP.READ	Reads data from another station PLC device in units of words.	Page 988

■Reading data from another station programmable controller (with notification)

Instruction symbol	Description	Reference
GP.SREAD	Reads data from another station PLC device in units of words. When reading data has finished, a device of the other station is turned on. (This makes it possible for the other station to recognize that data has been read by the GP.SREAD instruction.)	Page 994

■Writing data to another station programmable controller

Instruction symbol	Description	Reference
GP.WRITE	Writes data to another station PLC device in units of words.	Page 1000

■Writing data to another station programmable controller (with notification)

Instruction symbol	Description	Reference
GP.SWRITE	Writes data to another station PLC device in units of words. When writing data has finished, a device in the other station is turned on. (This makes it possible for the other station to recognize that data has been written by the GP.SWRITE instruction.)	Page 1008

■Sending data to another station programmable controller

Instruction symbol	Description	Reference
GP.SEND	Sends data to another station PLC.	Page 1016

■Receiving data from another station programmable controller

Instruction symbol	Description	Reference
GP.RECV	Reads data received from another station PLC. (For the main routine program)	Page 1024

4.2 Ethernet Instruction

Built-in Ethernet function instruction

■Opening a connection

Instruction symbol	Description	Reference
SP.SOCOPEN	This instruction opens the connection specified by (s1).	Page 1030

■Closing a connection

Instruction symbol	Description	Reference
SP.SOCCLOSE	This instruction closes the connection specified by (s1). (Closing a connection)	Page 1033

Socket communication function instruction

■Reading receive data during the END processing

Instruction symbol	Description	Reference
SP.SOCRCV	This instruction reads the received data of the connection specified by (s1) from the socket communication receive data area, during the END processing.	Page 1035

■Sending data

Instruction symbol	Description	Reference
SP.SOCSND	This instruction sends the data set in (s3) to the target device of the connection specified by (s1).	Page 1038

■Reading connection information

Instruction symbol	Description	Reference
SP.SOCCINF	This instruction reads the connection information of the connection specified by (s1).	Page 1041

■Reading socket communication receive data

Instruction symbol	Description	Reference
S.SOCRDATA	This instruction reads the data of the number of words specified in (n) from the socket communication receive data area of the connection specified by (s1), and stores it to the device specified by (d) onwards.	Page 1043
SP.SOCRDATA		

Predefined Protocol Support Function Instruction

■Executing the protocols registered for the predefined protocol support function

Instruction symbol	Description	Reference
SP.ECPRTCL	Executes the protocol specified by the communication protocol support tool of the engineering tool.	Page 1045

SLMP frame send instruction

■Sending the SLMP frame

Instruction symbol	Description	Reference
SP.SLMPSND	Sends SLMP messages to an SLMP-compatible device.	Page 1049

File transfer function instruction

■Sending FTP client files

Instruction symbol	Description	Reference
SP.FTPPUT	Sends the CPU module file specified in (s2) to the FTP server folder specified in (s3).	Page 1054

■Retrieving FTP client files

Instruction symbol	Processing details	Reference
SP.FTPGET	Retrieves files on the FTP server, which are specified by (s2), to the folder path of the CPU module, which is specified by (s3).	Page 1059

Ethernet module

■Opening a connection

Instruction symbol	Description	Reference
GP.OPEN	This instruction establishes (opens) a connection with an external device for data communication.	Page 1064

■Closing a connection

Instruction symbol	Description	Reference
GP.CLOSE	This instruction disconnects (closes) the connection from the external device during data communication.	Page 1067

■Reading receive data

Instruction symbol	Description	Reference
GP.SOCRCV	This instruction reads receive data from the external device through socket communications.	Page 1069

■Sending data

Instruction symbol	Description	Reference
GP.SOCSND	This instruction sends data to the external device through socket communications	Page 1071