

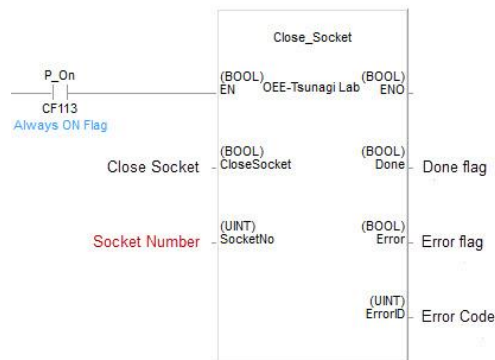
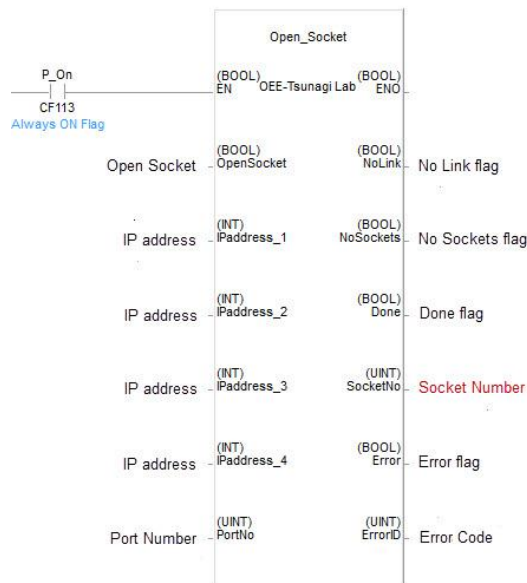
Close_Socket	TCP Close Socket
<b>Basic function</b>	Request for Close Socket 1, 2 or 3
<b>Symbol</b>	
<b>File name</b>	Close_Socket.cxf
<b>Applicable models</b>	CP1L-EL or CP1L-EM
<b>Conditions for usage</b>	CX-Programmer Version 9.40 or higher
<b>Function description</b>	TCP Close_Socket Function Block closes the Socket associated with the SocketNo input.
<b>FB precautions</b>	
<b>EN input condition</b>	<ul style="list-style-type: none"> <li>• Connect EN to condition for the FB to Work.</li> <li>• Close Socket closes the required Socket Number.</li> <li>• Socket Number</li> </ul>
<b>Restrictions Input variables</b>	<ul style="list-style-type: none"> <li>• Socket Number 1 to 3.</li> </ul>
<b>Output variables</b>	<ul style="list-style-type: none"> <li>• This FB requires multiple cycles to process.</li> <li>• The status of the Outputs are Reset if the CloseSocket bit is OFF.</li> </ul>

**Application example**

TCP Close\_Socket Function Block is designed for use with the other Function Blocks. The Socket Number Output can be used for the Socket Number Input used by :

- Open\_Socket
- Fn03\_ReadRegister
- Fn04\_ReadInputRegister
- Fn05\_ForceSingleCoil
- Fn06\_WriteRegister

Example:



## ■ Variable Tables

### Input Variables

Name	Variable name	Data type	Default	Range	Description
EN	EN	BOOL			1 (ON): FB ON. 0 (OFF): FB OFF.
Close Socket	CloseSocket	BOOL			Start request for close socket
Socket Number	SocketNo	UINT		&1 to &3	&1 to &3

### Output Variables

Name	Variable name	Data type	Range	Description
ENO (May be omitted.)	ENO	BOOL		1 (ON): FB processed normally. 0 (OFF): FB not processed or ended in an error.
Done	Done	BOOL		Done
Error	Error	BOOL		Error
Error ID	ErrorID	UINT		Error code: TCP/UDP Error Codes Ethernet Units Construction of Networks Operation Manual (W420) 7-3 Command/Response Reference FINS Error Codes Communications Commands Reference Manual (W342) 5-1-3 Error Codes CP1L-EL/EM CPU Unit Operation Manual (W516) 12-1 Troubleshooting

## ■ Version History

Version	Date	Contents
1.00	21-03-2012	Original production