

Sysmac Library for NJ/NX/NY Controller

SYSMAC-XR017

SLMP Communications Library



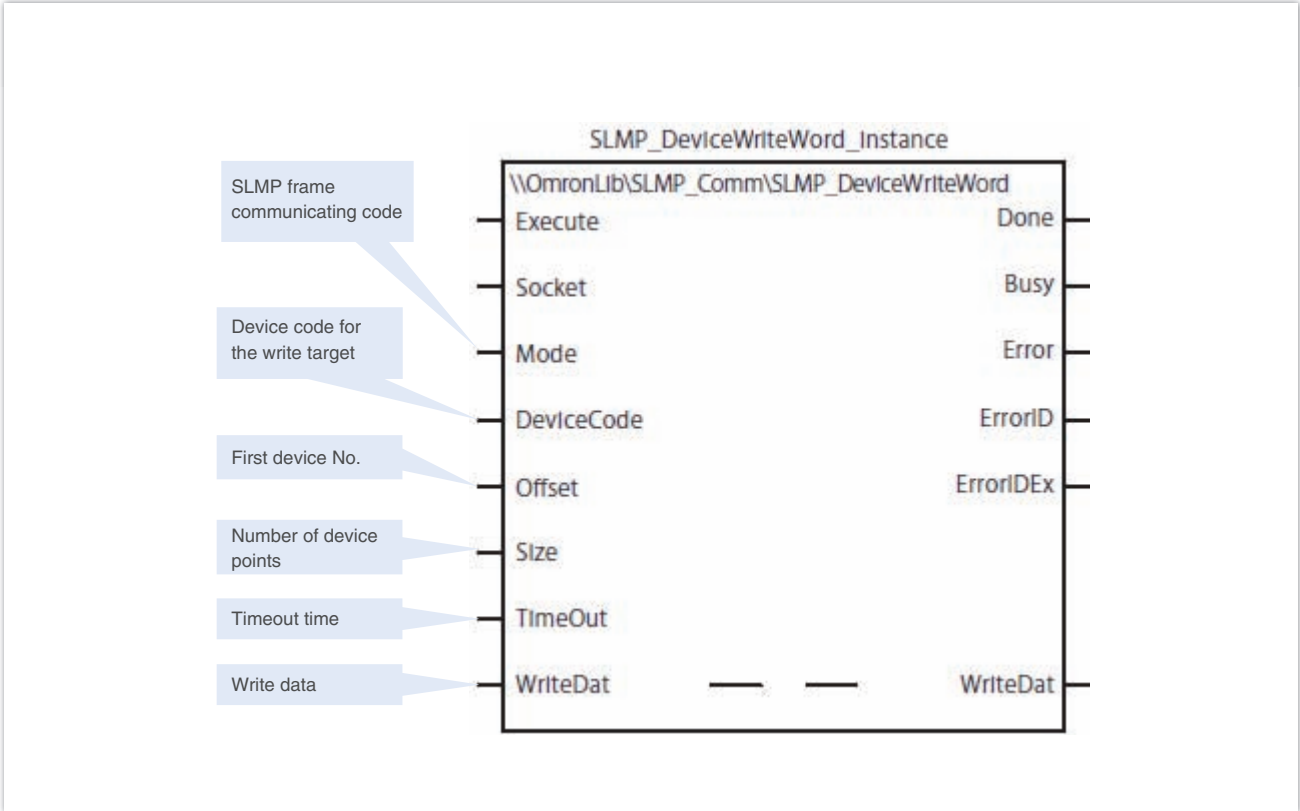
✓ Connect the Controller made by OMRON Corporation to the existing Sequencer made by Mitsubishi Electric Corporation

Issue

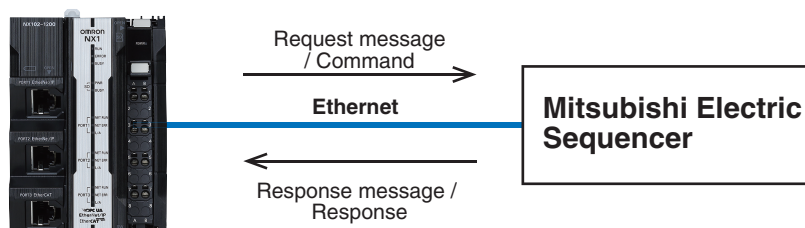
To install the Controller made by OMRON Corporation, connecting to the existing Sequencer made by Mitsubishi Electric Corporation is required. But it takes time to create communications programs.

SLMP Communications Library offers solution!

The SLMP Communications Library is the collection of software functional components to control communications using the SLMP communications protocol. A Controller made by OMRON Corporation can be integrated into a network composed the Sequencer made by Mitsubishi Electric Corporation easily.



System Configurations



Compatible Models

OMRON Corporation

Name	Model	Version
Machine Automation Controller NJ/NX CPU Unit	NX701-1□□□ NX1P2-□□□□□□(1) NJ501-□□□□ NJ301-□□□□ NJ101-□□□□	Version 1.18 or later
	NX102-□□□□	Version 1.30 or later
Industrial PC Platform NY IPC Machine Controller	NY5□□-1	Version 1.18 or later
	NY5□□-5	
Automation Software Sysmac Studio	SYSMAC-SE2□□□	Version 1.23 or higher

Mitsubishi Electric Corporation

Name	Model
Sequencer	MELSEC iQ-R series MELSEC-Q/L series MELSEC iQ-F series

Function Block (FB) Specifications

Name	FB name	Description
Device Read	SLMP_DeviceRead	Reading values from the specified device is possible. The read position, size, and type(word, bit) can be specified.
Device Write	SLMP_DeviceWriteWord, SLMP_DeviceWriteBool	Writing values to the specified device is possible. The write position and size can be specified.

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MELSEC and SLMP is a registered trademark of Mitsubishi Electric Corporation.
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Note: Do not use this document to operate the Unit.

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