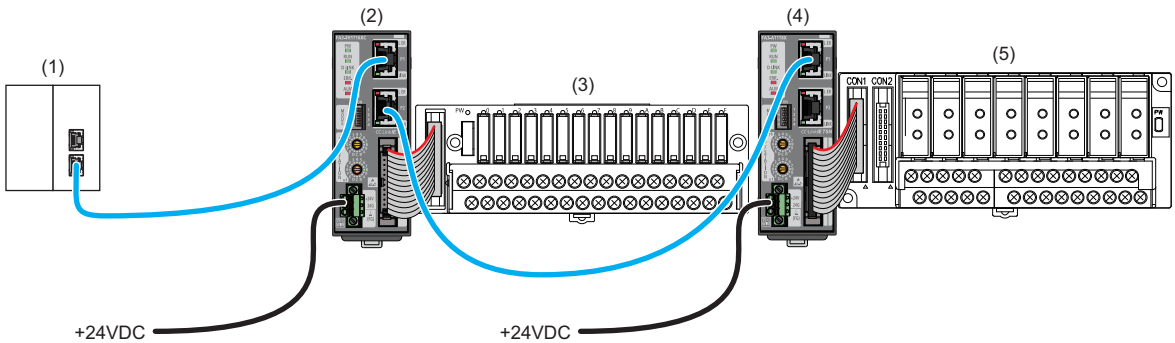



2 SYSTEM CONFIGURATION

This chapter describes the system configuration to use the network interface module.

2.1 Overall System Configuration

The following figure shows the overall system configuration to use the network interface module.



- (1) Master module
- (2), (4) Network interface module
- (3), (5) Converter ( Page 16 Connectable Devices)

2.2 Applicable Systems

Available master module

The master modules in the homepage of CC-Link Partner Association can be used. Refer to the following URL.
www.cc-link.org

Before using the module, check the specifications.

■Restrictions on using CC-Link IE TSN

When using CC-Link IE TSN, use the following master modules.

Model	Firmware version
RJ71GN11-T2	"04" or later

The above information is information at the time of this manual's issuance.

■Restrictions on using CC-Link IE Field Network

 Page 177 Supported master modules

■Restrictions on using CC-Link IE Field Network Basic

For the firmware version and serial number of the CPU module when CC-Link IE Field Network Basic is used, refer to the following.

 CC-Link IE Field Network Basic Reference Manual

Supported engineering tool

Always keep the engineering tool up to date.

When the latest version is necessary, please consult your local Mitsubishi Electric representative.

■Restrictions on using CC-Link IE TSN


For the network diagnostics, use GX Works3 (Version 1.065T or later).

■Restrictions on using CC-Link IE Field Network

 Page 177 Supported engineering tool

■Restrictions on using CC-Link IE Field Network Basic

For supported engineering tool versions, refer to the following.

 CC-Link IE Field Network Basic Reference Manual

Supported profile

To set up the parameters of the network interface module by using the engineering tool, the profile is required.

When the latest profile of the network interface module is necessary, please consult your local Mitsubishi Electric representative.


A network interface module is added to "Module List" in the window for setting the network configuration by profile registration to the engineering tool of the master station.

For registration of the profile, refer to the following.

 GX Works3 Operating Manual

 GX Works2 Version 1 Operating Manual (Common)

■Restrictions on using CC-Link IE Field Network

 Page 177 Supported profile

Switching hub

For supported switching hubs, refer to the manual for the master station used.

2.3 Connectable Devices

The following table lists the connectable devices to the network interface module.

Network interface module (digital input/output)

Network interface module	Connectable digital signal converter
Digital input FA3-TH1T16XC FA3-TH1M16XC	FA-TH16XRA20S, FA-TH16X100A31, FA-TH16X200A31, FA-TH16X24D31, FA-TH16X100A31L, FA-TH16X200A31L, FA-TH16X24D31L, FA-TH16X48D31L, FA-TH16X100D31L, FA1-TH8X2SC20S1E, FA1-TH4X2SC20S1E, FA1-TH16X24RA1L20S1E, FA1-TH16X24RA1H20S1E
Digital output sink type FA3-TH1T16Y FA3-TH1M16Y	FA-TH16YRA11, FA-TH16YRA11S, FA-TH16YRA20, FA-TH16YRA20S, FA-TH16YRA20SL, FA-TH16YRA21, FA-TH16YRA21S, FA-TH16YRAC20S, FA-TH16YRAB20SL, FA-TH16YSR11S, FA-TH16YSR20S, FA-TH16YSR21S, FA-TH16YTL11S, FA-TH16YTL21S, FA-TH16YTR20S, FA-TH16Y2TR20, FA-TH16YTH11S, FA1-TH16Y2RA20S1E, FA1-TH16Y1SR20S1E, FA1-TH16Y1TR20S1E, FA1-TH16Y2SC20S1E
Digital output source type FA3-TH1T16YE FA3-TH1M16YE	FA-THE16YTR20S, FA-THE16YTH11S, FA1-TH1E16Y2RA20S, FA1-TH1E16Y2RA20S1E, FA1-TH1E16Y1SR20S1E, FA1-TH1E16Y1TR20S1E, FA1-TH1E16Y2SC20S1E

Network interface module (analog input/output)

Network interface module	Connectable analog signal converter	
	Base unit	Module
Analog input FA3-AT1T8X FA3-AT1M8X	FA-ATB8XTB	FA-ATSVM1XV05, FA-ATSVM1XV15, FA-ATSVM1XV1010, FA-ATSVM1XA420, FA-ATSVM1XD, FA-ATSVM1XRPT, FA-ATSVM1XRPT0010, FA-ATSVM1XRPT0020, FA-ATSVM1XRJPT, FA-ATSVM1XTB, FA-ATSVM1XTR, FA-ATSVM1XTS, FA-ATSVM1XTK, FA-ATSVM1XTK0040, FA-ATSVM1XTK0060, FA-ATSVM1XTK0080, FA-ATSVM1XTE, FA-ATSVM1XTJ, FA-ATSVM1XTT, FA-ATSVM1XTN, FA-ATNDM5
Analog output FA3-AT1T8Y FA3-AT1M8Y	FA-ATB8YTB	FA-ATSVM1YV05, FA-ATSVM1YV15, FA-ATSVM1YV010, FA-ATSVM1YV1010, FA-ATSVM1YA020, FA-ATSVM1YA420, FA-ATNDM5

As the external power supply for connectable devices, use the power supply that meets the following requirements: LVLC (voltage and current limited circuit) of UL 508, SELV (Safety Extra-Low Voltage) circuit, LIM (Limited Energy Circuit).

The signal pass-through module cannot be used.

For additional information on connectable devices, please consult your local Mitsubishi Electric representative.