

General Specifications

Model EC401
ESB Bus Coupler Module
(for FIO)



GS 33K50E50-50E

[Release 5]

■ GENERAL

The ESB Bus Coupler Module is a communication module to connect the Field Control Unit and the Node Unit for ESB Bus via the ESB bus.

This module can be installed in the Field Control Unit for FIO (AFV30S, AFV30D, AFV40S, AFV40D, AFV10S, AFV10D, AFF50S and AFF50D).

By installing two modules in the Field Control Unit for FIO, dual-redundant ESB bus can be configured.

■ STANDARD SPECIFICATIONS

Function: ESB bus interface function
Number of connectable nodes: Max. 9 units (*1)
Transmission speed: 128 Mbps (I/O module data transmission)
Transmission distance: Max. 10 m
Current consumption: 0.5 A
Weight: 0.24 kg

*1: This varies depending on the FCS database.

If ESB bus is non- redundant, the ESB Bus Coupler Module needs to be installed in the 7th slot of AFV30S, AFV30D, AFV40S, AFV40D, AFV10S, AFV10D, AFF50S or AFF50D and slot 8th must be covered by a dummy module.

And when ESB bus is dual-redundant, the modules need to be installed in both the 7th and 8th slots.

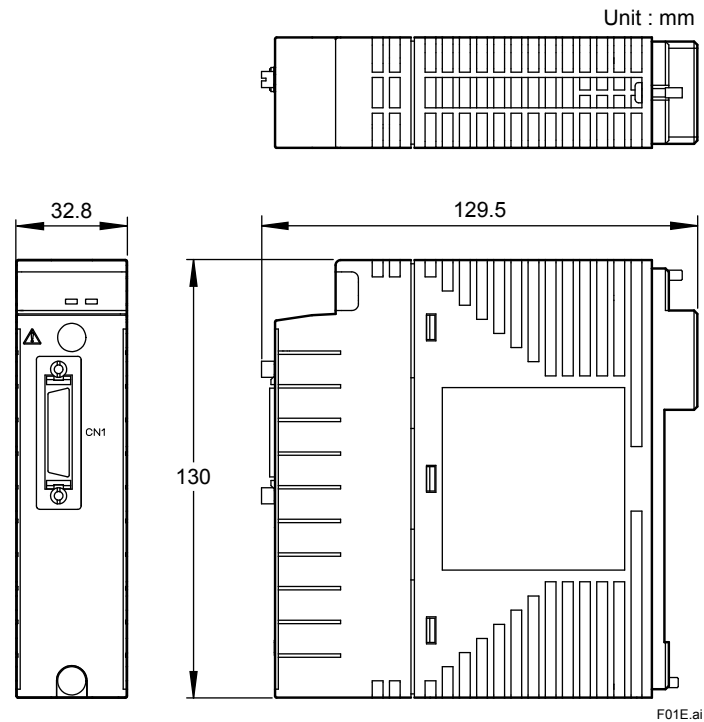
■ REQUIREMENTS FOR USING SEM (Sequence of Events Manager)

To use SEM for Vnet/IP, EC401 should be style 2 or later. (Style No. is indicated on the component tag)

For details, refer to GS 33K30D10-50E SEM Sequence of Events Manager (for Vnet/IP and FIO), GS 33K30D20-50E SEM Sequence of Events Manager (for V net and FIO).

EXTERNAL DIMENSION

EC401 ESB Bus Coupler Module



MODEL AND SUFFIX CODES

| | | Description |
|---------------------|-------|--|
| Model | EC401 | ESB Bus Coupler Module |
| Suffix Codes | -5 | Standard type with no explosion protection |
| | -E | Standard type with explosion protection |
| | 0 | Basic type |
| | 1 | With ISA Standard G3 option |

ORDERING INFORMATION

Specify model and suffix codes.

For selecting the right products for explosion protection, please refer to TI 33Q01J30-01E without fail.

TRADEMARK

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