

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

YOKOGAWA PROSAFE-RS

SEC401-11 S3

ESB BUS COUPLER MODULE

Used with the applicable ProSafe-RS ESB bus modules configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Yokogawa official manufacturer documentation

General Specifications

Model SEC401 ESB Bus Coupler Module

ProSafe-RS

GS 32Q06L11-31E

■ GENERAL

ESB Bus Coupler Module connects safety control units and safety node units via an ESB bus cable.

Two ESB Bus Coupler Modules are mounted on the safety control unit (S2SC70□, SSC60□, or SSC50□).

■ STANDARD SPECIFICATIONS

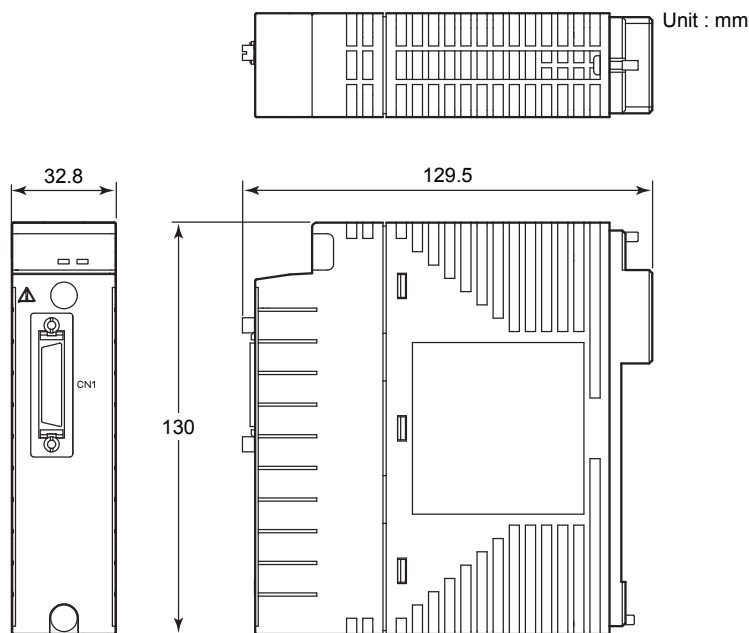
Function:	ESB bus master interface function
Number of connectable safety node units:	9 units maximum (*1)
Transmission speed:	128 Mbps (I/O module data transmission)
Transmission distance:	10 m maximum
Current consumption:	0.5 A
Weight:	Approx. 0.24 kg

The ESB Bus Coupler Module is mounted on the seventh and eighth slots of the safety control unit.

*1: The number of SNB10D and SNT4□□ which can be connected to SEC401 is up to 9.

■ EXTERNAL DIMENSIONS

SEC401 ESB Bus Coupler Module



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Nominal Tolerances:

When the reference dimension is over 0.5 mm and equal or less than 120 mm, its nominal tolerance is ± 0.8 mm, while its combination of nominal tolerance is ± 1.5 mm.

When the reference dimension is over 120 mm, its nominal tolerance is in accordance with JEM 1459.

■ MODEL AND SUFFIX CODES

		Description
Model	SEC401	ESB Bus Coupler Module
Suffix Codes	-5	Standard type with no explosion protection
	-E	Standard type with explosion protection
	1	With ISA Standard G3

■ CONFORMITY STANDARDS

Refer to "ProSafe-RS Standards Compliant Models" (GS 32P01B60-01EN).

■ ORDERING INFORMATION

Specify the model and suffix codes.

For selecting the right products for explosion protection, please refer to TI 32S01J30-01E without fail.

■ TRADEMARKS

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