RAMONA ESB BUS INTERFACE SLAVE Module

Model: SB2401

Description

The ESB Bus interface slave module is a communication module to connect the node Unit for ESB Bus and the Field Control Unit via the ESB bus. It could connect to 8 other Unit for ESB Bus and one Field Control Unit by the aim of the expansion the number of I/O modules.

This module should be installed in B1/ B2 slot of the ESB Bus Unit ANB10S and ANB10D.

Key Feature

- ESB bus interface function
- Support Max. 8 connectable ESB Bus units
- Data transmission speed of 128 Mbps
- Support Max. 10 m distance
- Current consumption of 0.5 A

Functionality

ESB interface slave module support maximum 8 connectable ESB bus nodes and could transmit data by the speed of 128 Mbps. The main responsibility of this module is to transmit and receive data to/ from CPU and modules. It should be noted that this module is actually between modules and ESB Bus interface module and does not communicate directly with CPU.

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Specification

Number of Connectable Nodes	Max. 8 units
Max. Current Consumption	500 mA
Transmission speed	128 Mbps (I/O module data transmission)
Transmission distance	Max. 10 m
Standard	ISA G3 Standard Qualified
Supported Backplane	ANB2010D

Mechanical

Connection technology	Pressure clamp terminal, ESB Bus cable, dedicated cable (YCB301)
Dimension	
• Width	32.8 mm
• Height	130 mm
• Depth	125.3 mm
weight	240 gr
Installation	Snaps onto Backplane (ANB2010D)
Electrical accessories	ESB Bus cable
IP degree of protection	IP30

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