

Overview

The SlotServer ControlLogix BAS Communications Interface allows an Allen Bradley ControlLogix platform to pass data between a ControlLogix CPU and a variety of Building Automation System protocol communications networks.

Physically configured to plug into a standard ControlLogix rack, the SlotServer Module is configured for the 1756 platform using standard RSLogix message block reads to allow for efficient transfer of large blocks of data. Specific configuration data is contained in the Configuration CSV file downloaded to the module.

Building Automation Protocols

SlotServer is a flexible communications module that can be configured to communicate to a wide range of protocols found in the extensive FieldServer library of protocols. The SlotServer is recognized as an input/output module by ControlLogix and has access to processor memory for data transfer between processor and module.

Most protocols allow 2-way communication between SlotServer and the foreign device (some protocols are limited to one-way communication due to the limitations of the specific protocol).

SlotServer provides serial and Ethernet ports to enable ControlLogix interface to any of the BAS protocols available in the FieldServer driver library. Some examples of the protocols available to use with SlotServer include LonWorks®, BACnet, Metasys® N2 by JCI, Carrier, Caterpillar M5X, Cleaver Brooks, Data Aire, McQuay, TAC I/Net, Yorktalk, and more.

SlotServers are also available for most common fire alarm control panel protocols. For information about the specific protocol, please refer to the datasheet for that specific protocol.

Contact FieldServer to learn more about the SlotServer and the specific protocols available to meet your specific needs.



Technical Specifications

Slot width	Single
BackPlane Current Load	600 mA @ 5V
Operating Temperature	0o to 60 °C (32o to 140 °F)
Storage Temperature	-40o to 85 °C (-40o to 185 °F)
Humidity	5 – 95% (non-condensing)
Allen Bradley Platform:	ControlLogix 1756 Rack
Connections	TP/FT-10 (LonWorks) RS-485 (2-wire) Ethernet (10/100BaseT)
LED Indicators	Module Status Backplane Transfer Status Communications status Configuration Error System Error Serial Activity Ethernet Activity 10/100BaseT indicator
Display	Scrolling display of card messages
Service Pin	For LonWorks commissioning
Mounting	Local or remote rack
Approval	UL60950
Configuration	Configuration data is contained in the configuration CSV file downloaded to the module. Sample configuration file is included. Configuration file development service available from FieldServer or approved system integrators



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