

DATASHEET

SlotServer Allen Bradley CSP Ethernet Communications Module PS56-PRO-407

The AB_CSP driver implements the Allen Bradley Ethernet protocol commonly referred to as the CSP, using PCCC message structures. The AB_CSP driver allows the SlotServer to transfer data to and from devices over AB_CSP Ethernet protocol. The SlotServer can emulate either a Server or Client.

Read Operations Supported:

Allen Bradley commands can be specified directly using the AB_Command map descriptor field, or can be implied using the Node field PLC_Type. The AB_Command will override any PLC_Type specifiers.



Command	AB Command	PLC Type	File Type
SlotServer as a Client			
Unprotected Read	Unprotected	-	All file types
Protected Typed Logical Read	Protected Typed Logical	-	All file types
Typed Read	Typed	-	All file types
Protected Typed Logical Read	-	SLC5	N, F, B, I, O
Word Range Read	-	PLC3/PLC5	N, F, B
SlotServer as a server			

When configured as a server, the driver is passive on the network, meaning it will respond to all polls it receives from an AB_CSP Client.

Write Operations Supported:

Command	AB Command	PLC Type	File Type
SlotServer as a Client			
Unprotected Write	Unprotected	-	All file types
Typed Write	Typed	-	All file types
Protected Typed Logical Write	-	SLC5	N, F, B
Word Range Write	-	PLC5	N
Typed Write	-	PLC5	F
Read Modify Write	-	PLC5	B
SlotServer as a server			

When configured as a server, the driver is passive on the network, meaning it will respond to all polls it receives from an AB_CSP Client.

Hardware Specifications

Specification	Description
Slot width	Single
BackPlane Current Load	600 mA @ 5V
Operating Temperature	0o to 60 o C (32 o to 140o F)
Storage Temperature	-40o to 85o C (-40o to 185o F)
LED Indicators	Module Status Backplane Transfer Status Communications status Configuration Error System Error Serial Activity Ethernet Activity 10/100BaseT indicator
Connections	TP/FT-10 (LonWorks) RS-485 (2-wire) Ethernet (10/100BaseT)
Dimensions	Length: 5.11" (130 mm) Depth: 2.27" (57,7 mm) Height: 3.70" (94,0 mm)
Service Pin	For LonWorks commissioning
Mounting	Local or remote rack
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 Technologies or approved system integrators
Humidity	Up to 95% RH, with no condensation

Ordering Information

To order this product, please use the following:

PS56-PRO-407

**SlotServer Allen
Bradly CSP Ethernet
Communication
Module**

How to Contact Us: Sales and Support

Sales and Technical Support for this product are provided by ProSoft Technology. Contact our worldwide Sales or Technical Support teams directly by phone or email:

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