

Allen-Bradley 1756 Series Service Manual

1756-L62S

1. Description

Mfr. Part Number:

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 1756-L62S
Series	ControlLogix
Module	Type GuardLogix Controller
I-O	Memory 478 KB
User	Memory 4 MB
Maximum	I-O 128,000
Maximum	Analog I-O 4,000
Maximum	Digital I-O 128,000
Current	Draw (5.1 Volts DC) 1200 Milliamperes
Current	Draw (24 Volts DC) 14 Milliamperes
Power	Dissipation 3.5 Watts
Thermal	Dissipation 11.9 BTU per hour
Isolation	Voltage 30 Volts Continuous
Enclosure	None (Open-Style)
UPC	10612598321756 Description
The	1756-L62S is a communication protocol module by Allen-Bradley which features unique communication benefits. This module is a GuardLogix Controller with a 4 MB memory and a 6 MB safety memory. This GuardLogix controller module is a certified controller system for use in safety applications. This GuardLogix controller system supports both SIL3 and PLe safety applications. The GuardLogix controller clubs the primary controller and the safety partner for unified functioning. The model has a 4 MB

3. Product Information

Mfr. Part Number:

1756L62S

Manufacturer: Allen-Bradley / Rockwell Automation

Description: Allen Bradley 1756L62S GuardLogix Processor 4MB Std / 1MB Safety Memory

Full Description: Allen-Bradley 1756L62S GuardLogix Logix5562S Processor with 4MB Standart Memory and 1MB of Safety Memory The Allen-Bradley ControlLogix 1756-L62S is a GuardLogix Controller with 478 KB I-O Memory, 4 MB User Memory, 128000 Maximum I-O, 4000 Maximum Analog I-O, 128000 Maximum Digital I-O, and 3.5 Watts Power Dissipation.

Technical specifications for 1756-L62S

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 1756-L62S

Series ControlLogix

Module Type GuardLogix Controller

I-O Memory 478 KB

User Memory 4 MB

Maximum I-O 128,000

Maximum Analog I-O 4,000

Maximum Digital I-O 128,000

Current Draw (5.1 Volts DC) 1200 Milliamperes

Current Draw (24 Volts DC) 14 Milliamperes

Power Dissipation 3.5 Watts

Thermal Dissipation 11.9 BTU per hour

Isolation Voltage 30 Volts Continuous

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UPC 10612598321756 Description

The 1756-L62S is a communication protocol module by Allen-Bradley which features unique communication benefits. This module is a GuardLogix Controller with a 4 MB memory and a 6 MB safety memory. This GuardLogix controller module is a certified controller system for use in safety applications. This GuardLogix controller system supports both SIL3 and PLe safety applications. The GuardLogix controller clubs the primary controller and the safety partner for unified functioning. The model has a 4 MB memory for standard tasks while 1 MB memory dedicated for the safety tasks and other like components. The smart and efficient key switches are placed on the front of the primary controller which allows operation of the controller modes in a convenient way. The maximum I/O range of this 1756-L62S is 128,000 whereas the maximum analog I/O range is 4000. The current drawing capacity at 5.1V DC is 1200 milliamperes and at 24V DC is 14 milliamperes. It is worth noting that the power dissipation of this device is 3.5 Watts and the thermal dissipation is 11.9 BTU per hour. The continuous isolation voltage capacity is 30 Volts in this device. It has no enclosure. The unique quality of the 1756-L62S is that the chassis provides the physical connection between the GuardLogix controller and the modules.

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