

Allen-Bradley 1756 Series Service Manual

1756-L76

1. Description

Allen Bradley ControlLogix Processor Module with 0.98 MB I-O Memory and 64 MB User Memory Technical specifications for 1756-L76

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 1756-L76
Series	ControlLogix
Module	Type Processor Module
I-O	Memory 0.98 MB
User	Memory 64 MB
Maximum	I-O 128,000
Maximum	Analog I-O 4,000
Maximum	Digital I-O 128,000
Current	Draw (1.2 Volts DC) 5 milliamps
Current	Draw (5.1 Volts) 800 milliamps
Power	Dissipation 2.5 Watts
Thermal	Dissipation 8.5 BTU per hour
Isolation	Voltage 30 Volts Continuous
Enclosure	None Description
The	Allen-Bradley 1756-L76 is a chassis-based module that belongs to Series A and B of Bulletin 1756 ControlLogix product line. This module is an efficient processor with an available user memory of 64MB. This module is also certified by the Low Voltage Electromagnetic Compatibility (EMC), and Restriction of Hazardous Substances (RoHS) Directives; the ATEX Directive is not necessary for this product. The current draw rating for this controller is around 5mA at 1.2 Volts DC, or 800mA at 5.1 Volts DC. Its power dissipation remains at 2.5 Wat

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Series ControlLogix

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User Memory 64 MB

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The 1756-L76 ControlLogix Module provides an adaptable controller solution and has the ability to address large amounts of input/output points. It can also control and monitor the I/O across the backplane of the ControlLogix as well as the ControlNet or the EtherNet/IP networks. This module has an inherent time-stamping ability for SOE (sequence of events) applications and provides extensive diagnostic capabilities to detect both field-side errors and system failures. The 1756-L76 provides electronic keying as well, in order to help keep alternative errors from occurring. For ease of maintenance, the controllers under this series offer an RIUP (Removal and Insertion Under Power) feature.