

Allen-Bradley 1756 Series Service Manual

1756-L73XT

1. Description

Mfr. Part Number:

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 1756-L73XT
Series	ControlLogix
Module	Type Processor Module
I-O	Memory 0.98 MB
User	Memory 8 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
UPC	10885630102129 Description
The	Allen-Bradley 1756-L73XT is a ControlLogix-XT controller. This controller functions similarly to other ControlLogix controllers and it consists of a control and communication system and it is coated for protection from harsh and corrosive environments. When used with FLEX I/O-XT, the 1756-L73XT can withstand a temperature between -20 and 70°C. The controller has 8 MB of user memory and 0.98 MB of I/O memory. The 1756-L73XT's battery is not replaceable. The controller requires 800 mA of current draw at 5.1V AC and 5 m

3. Product Information

www.oilautotech.com

Mfr. Part Number:

1756-L73XT

Manufacturer: Allen-Bradley / Rockwell Automation

Description: Allen-Bradley 1756-L73XT ControlLogix-XT Logix5673 Processor with 8MB Memory

Full Description: Allen-Bradley 1756-L73XT ControlLogix-XT 1756-L7 Logix5673 Controller, Conformally Coated for extended protection in harsh & corrosive environments, with 8 Mbytes User Memory, 1-Port USB 2.0, 32 Tasks, 100 Programs/Task, 128,000 Total I/O; Operating Temperature Range from -20...+70 °C (-4...+158 °F); Customers who previously used the LXT chassis should now migrate to the K version of the chassis Allen Bradley ControlLogix Processor Module with 0.98 MB I-O Memory and 8 MB User Memory Technical specifications for 1756-L73XT

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 1756-L73XT

Series ControlLogix

Module Type Processor Module

I-O Memory 0.98 MB

User Memory 8 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

UPC 10885630102129 Description

The Allen-Bradley 1756-L73XT is a ControlLogix-XT controller. This controller functions similarly to other ControlLogix controllers and it consists of a control and communication system and it is coated for protection from harsh and corrosive environments. When used with FLEX I/O-XT, the 1756-L73XT can withstand a temperature between -20 and 70°C. The controller has 8 MB of user memory and 0.98 MB of I/O memory. The 1756-L73XT's battery is not replaceable. The controller requires 800 mA of current draw at 5.1V AC and 5 mA of current draw at 1.2V AC. The controller's power dissipation is 2.5 W and its thermal dissipation is 8.5 BTU/hr. The 1756-L73XT has 30 V of continuous Isolation voltage with basin insulation from USB port-to-Backplane and it is tested to withstand up to 500V AC for 60 seconds. The controller's USB can reach 12 Mbps at full speed. The device weighs approximately 0.25 kg with 1 slot width. Its module location is chassis-based at any slot. For low-temperature applications, only use the 1756-A4K, 1756-A7K, 1756-A10K, 1756-A13K, or the 1756-A17K chassis. For general use, it is advisable to use 1756-A7XT, 1756-A10XT. The 1756-L73XT has no power supply redundancy but it does have standard power supplies. These include the 1756-PAXT, 1756-PA30XT, 1756-PBXT, and the 1756-PB30XT with a wire category of 3 – on USB ports.

The 1756-L73XT has a non-operating temperature of -40 - 85 °C and a maximum surrounding air temperature of 70 °C at a relative humidity between 5 and 95%. Its operating vibration is 10 – 500 Hz, its operating shock is 30 g, and its non-operating shock is 50 g.

www.oilautotech.com