

Allen-Bradley 1756 Series Service Manual

1756-HIST1G

1. Description

Mfr. Part Number:

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 1756-ENBT
Series	ControlLogix
Power	Consumption 5 Watts (7 Watts Max)
Ports	1 Ethernet 10/100T IEEE 802.3
Battery	Rechargeable Lithium (Non-Removable)
Clock	Precision Real-Time Clock
Indicators	Status LEDs and 4-Character Alphanumeric Display
System	Memory AMD LX800 500 MHz x86
Battery-Backed	Memory 512 Kbytes SRAM
Cache	Memory 128 K L1/128 K L2
Compact	Flash Memory Compact Flash Type 2 w/ DMA
Dimensions	5.6 x 1.4 x 5.5 in (145 x 35 x 140 mm)
UPC	10612598572868 Description
This	ME module has 512 KB of SRAM that is battery-backed and a 128K L1 / 128K L2 Cache. In addition, this 1756-HIST1G module has CompactFlash Type II with DMA Flash Memory and One Ethernet 10/100T IEEE 802.3 type of port. The 1756-HIST1G uses an irremovable rechargeable lithium form of battery.

3. Product Information

Mfr. Part Number:

1756-HIST1G

Manufacturer: Allen-Bradley / Rockwell Automation

Description: Allen-Bradley 1756-HIST1G ControlLogix FactoryTalk Historian ME Module, 1GB

Full Description: Allen Bradley 1756-HIST1G ControlLogix FactoryTalk Historian Machine Edition Module, 1GB The Allen-Bradley 1756-HIST1G module is a FactoryTalk HME or Historic Machine Edition module from the ControlLogix series. Its normal power consumption rating is 5 Watts and its maximum power consumption rating is 7 Watts. The 1756-HIST1G FactoryTalk HME module has a lithium battery for backup that is chargeable but not removable. This battery provides backup power for the 5-KB SRAM in the module. The

1756-HIST1G FactoryTalk HME module Technical specifications for 1756-HIST1G

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Brand Allen-Bradley

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Series ControlLogix

Power Consumption 5 Watts (7 Watts Max)

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Battery Rechargeable Lithium (Non-Removable)

Clock Precision Real-Time Clock

Indicators Status LEDs and 4-Character Alphanumeric Display

System Memory AMD LX800 500 MHz x86

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The 1756-HIST1G has Fanless operation and consumes a maximum of 7 Watts (5 Watts typical) of electrical power. Thus, it has a supply voltage and current ratings of 5.1V DC at 800 mA and 24V DC at 3 mA. The 1756-HIST1G must be within a range of -40-185 °F non-operating and from 32-140 °F during operation. It has a Single-slot ControlLogix physical form factor and has a dimension of 145mm x 35mm x 140 mm or 5.6 in x 1.4 in x 5.5 in (Height x Width x Depth). The 1756-HIST1G can be installed in a ControlLogix chassis to use backplane communications and it can collect data from multiple controllers.