

APTER POWER PRODUCT GUIDE

1756-L1M2

ControlLogix5550 Controller

Allen-Bradley 1756-L1M2 is a ControlLogix5550 Controller for the ControlLogix5550 platform. It executes user logic, exchanges chassis I/O data and coordinates communications through installed ControlLogix modules.

Manufacturer	Allen-Bradley
Model	1756-L1M2
Product type	ControlLogix5550 Controller
Product family	ControlLogix5550
Country	Sweden
HS code	8537101190
Shipping origin	Xiamen, Fujian, China

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

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SCAN FOR PRODUCT & QUOTE

1. Product overview and identity

- Owns the chassis control task and scheduled program execution
- Produces and consumes data through configured communication modules
- Coordinates local and distributed I/O update paths
- Reports controller and chassis diagnostic status to engineering tools

Model configuration

Complete model	1756-L1M2
Product type	ControlLogix5550 Controller
System family	ControlLogix5550

2. Technical specifications

Data and logic memory	1 MB
I/O memory	150 KB
Nonvolatile memory	Not supported
Backplane current at 5.1 V DC	1.05 A
Backplane current at 24 V DC	20 mA
Power dissipation	4.8 W
Thermal dissipation	16.4 BTU/h
Operating temperature	0-60 C
Storage temperature	-40-85 C
Relative humidity	5-95%, noncondensing
Operating shock	30 g, 11 ms
Nonoperating shock	50 g, 11 ms
Vibration	2 g at 10-500 Hz
Programming cable	1756-CP3 or 1747-CP3

3. Functions, applications and components

ControlLogix5550 installed-base control

Owns the chassis control task and scheduled program execution

1756-L1M2 controller migration planning

Produces and consumes data through configured communication modules

1756-L1M2 shutdown replacement

Coordinates local and distributed I/O update paths

1756-L1M2 program recovery and validation

Reports controller and chassis diagnostic status to engineering tools

Associated system components

- 1756 ControlLogix chassis
- compatible 1756 power supply
- communication modules
- RSLogix 5000 project

4. Engineering FAQ and source record

Which chassis accepts 1756-L1M2?

Install it in a compatible 1756 ControlLogix chassis with the approved power supply and keyed surrounding modules.

How should the project be prepared before replacing 1756-L1M2?

Archive the online project, firmware information, controller properties, I/O tree and communication settings before shutdown.

What memory must be compared for 1756-L1M2?

Confirm the installed catalog number against 1 MB of data/logic memory and 150 KB of I/O memory.

How is communication restored after fitting 1756-L1M2?

Set the approved network path, download the validated project and confirm each configured bridge and I/O connection.

Source record

Rockwell Automation ControlLogix Controller and Memory Board Installation Instructions
1756-IN101

ASK FOR QUOTE

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