

APTER POWER PRODUCT GUIDE

1756-L55M13

ControlLogix5555 Controller

Allen-Bradley 1756-L55M13 is a ControlLogix5555 Controller for the ControlLogix5555 platform. It executes user logic, exchanges chassis I/O data and coordinates communications through installed ControlLogix modules.

Manufacturer	Allen-Bradley
Model	1756-L55M13
Product type	ControlLogix5555 Controller
Product family	ControlLogix5555
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-L55M13
Product type	ControlLogix5555 Controller
System family	ControlLogix5555

2. Technical specifications

Data and logic memory	1.5 MB
I/O memory	208 KB
Nonvolatile memory	Not supported
Backplane current at 5.1 V DC	1.23 A
Backplane current at 24 V DC	14 mA
Power dissipation	5.6 W
Thermal dissipation	19.1 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

ControlLogix5555 installed-base control

Owns the chassis control task and scheduled program execution

1756-L55M13 controller migration planning

Produces and consumes data through configured communication modules

1756-L55M13 shutdown replacement

Coordinates local and distributed I/O update paths

1756-L55M13 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-L55M13?

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-L55M13?

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

What memory must be compared for 1756-L55M13?

Confirm the installed catalog number against 1.5 MB of data/logic memory and 208 KB of I/O memory.

How is communication restored after fitting 1756-L55M13?

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
https://literature.rockwellautomation.com/idc/groups/literature/documents/in/1756-in101_-en-p.pdf

ASK FOR QUOTE

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