

APTER POWER PRODUCT GUIDE

1756-L55M12

ControlLogix5555 Controller

Allen-Bradley 1756-L55M12 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-L55M12
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. Installation and system fit

- Back up and verify the controller project before removal.
- Confirm chassis slot, controller series and memory option from the nameplate.
- Remove and insert the controller only under the installation conditions stated by Rockwell Automation.
- After download, verify I/O ownership, produced/consumed tags and all communications.

Controlled configuration

Complete model	1756-L55M12
Product type	ControlLogix5555 Controller
System family	ControlLogix5555

2. Commissioning sequence

- 1 Back up and verify the controller project before removal.
- 2 Confirm chassis slot, controller series and memory option from the nameplate.
- 3 Remove and insert the controller only under the installation conditions stated by Rockwell Automation.
- 4 After download, verify I/O ownership, produced/consumed tags and all communications.

Technical verification note

Use the Rockwell Automation 1756 controller installation sequence for 1756-L55M12. Preserve the validated project and confirm chassis communication before placing outputs under program control.

3. Application verification

ControlLogix5555 installed-base control

Owns the chassis control task and scheduled program execution

1756-L55M12 controller migration planning

Produces and consumes data through configured communication modules

1756-L55M12 shutdown replacement

Coordinates local and distributed I/O update paths

1756-L55M12 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. Maintenance and verification FAQ

What power check applies to 1756-L55M12?

Include its published backplane demand of 1.23 A at 5.1 V DC and 14 mA at 24 V DC in the chassis loading review.

How should 1756-L55M12 be commissioned?

Verify controller mode, task execution, I/O ownership, inhibited modules, produced/consumed tags and output permissives.

Can a different ControlLogix controller replace 1756-L55M12 directly?

Not without a migration review covering firmware, instructions, communication limits, memory and project conversion.

What maintenance records are needed for 1756-L55M12?

Record the serial/revision data, firmware, project checksum, battery or memory condition, chassis diagnostics and final functional test.

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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