

Product dashboard

Allen-Bradley 1756-L61 Series B is a ControlLogix 5561 controller with 2 MB of user memory, 478 KB of I/O memory and optional CompactFlash nonvolatile storage.

Exact model

1756-L61 B

Product type

ControlLogix 5561 Controller

System family

ControlLogix 5560

Functional role

Programmable Automation Controller

PARAMETER	DOCUMENTED VALUE
Catalog number	1756-L61
Hardware series	B
Controller family	ControlLogix 5560
Controller designation	ControlLogix 5561
User memory	2 MB
I/O memory	478 KB
Nonvolatile memory	Optional CompactFlash card
Minimum controller firmware	13.40 or later for Series B

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

CONTACT APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



1756-L61 B

System overview

Allen-Bradley 1756-L61 Series B executes Logix 5000 control tasks in a ControlLogix chassis while retaining the project, slot identity, firmware baseline and installed communication paths of the engineered system.

- ControlLogix machine control**

Executes the retained Logix project for coordinated machine logic and I/O.
- Chassis-based process sequencing**

Runs controller tasks and programs tied to the engineered slot and network plan.
- Legacy controller replacement**

Restores a documented 1756-L61 Series B position without substituting a different controller execution.
- Program recovery**

Uses the accepted project archive and optional CompactFlash record during controlled restoration.

SYSTEM POSITION	RECORD
Installed identity	1756-L61 B
Host relationship	ControlLogix 5560
Controlled function	ControlLogix 5561 programmable controller for chassis-based logic, I/O and communications

CONTACT APTER POWER

- WHATSAPP / PHONE

+86 180 3023 5313
- EMAIL

sales13@apterpower.com
- WEBSITE

www.apterpower.com



1756-L61 B

Technical data map

PARAMETER	VERIFIED VALUE
Catalog number	1756-L61
Hardware series	B
Controller family	ControlLogix 5560
Controller designation	ControlLogix 5561
User memory	2 MB
I/O memory	478 KB
Nonvolatile memory	Optional CompactFlash card
Minimum controller firmware	13.40 or later for Series B
Minimum RSLogix 5000 software	13.04.00 or later for Series B
Controller tasks	Up to 32
Programs per task	Up to 100
Maintenance energy storage	Lithium battery system for 1756-L6x controllers

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	ControlLogix 5561 programmable controller for chassis-based logic, I/O and communications

Technical evidence record: Rockwell Automation ControlLogix 5570 and 5560 Controllers User Manual, 1756-UM001Q-EN-P,

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



1756-L61 B

Applications and precautions

1

Confirm both the 1756-L61 catalog number and Series B marking before work.

2

Back up the controller project, tag values and communication settings before isolation.

3

Record the chassis slot, module keying, firmware revision and network node assignments.

4

Place outputs and connected machinery in the approved maintenance state.

5

Verify firmware 13.40 or later and compatible programming software before download.

6

Inspect and preserve any installed CompactFlash card and its accepted contents.

7

Restore the project with outputs inhibited and review controller and I/O diagnostics.

8

Complete the controlled I/O and machine functional test before service release.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



1756-L61 B

Buyer and engineering FAQ

What controller type is Allen-Bradley 1756-L61 Series B?

It is the ControlLogix 5561 controller in the ControlLogix 5560 controller family.

How much user memory does Allen-Bradley 1756-L61 Series B provide?

The official user manual lists 2 MB for logic and data.

How much I/O memory is available in Allen-Bradley 1756-L61 Series B?

The controller provides 478 KB of I/O memory.

Which firmware baseline applies to Allen-Bradley 1756-L61 Series B?

Series B requires controller firmware revision 13.40 or later.

Related Apter Power pages

[Allen-Bradley 1756-A10 ControlLogix chassis](#)

[Allen-Bradley 1756-PA75 ControlLogix power supply](#)

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



1756-L61 B