1756-L62

01 / System identity and preparation

Allen-Bradley 1756-L62 executes the application program within a ControlLogix chassis. The controller coordinates configured I/O and communication modules through the chassis backplane.

Engineering context

Controller family	ControlLogix 5560
Program capacity	4 MB data and logic memory
Communication interface	Integrated RS-232
Installation	1756 chassis-based controller

Preparation priorities

Application retention	Verify the project backup, firmware and operating mode before disturbing hardware.
Chassis integration	Check slot assignment, backplane power budget and configured I/O/communication modules.

Guide boundary

This Apter Power guide organizes identification, preparation and acceptance checks. Use the applicable manufacturer instructions and approved site procedure for detailed wiring, mounting, firmware operations and testing.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

02 / Configuration review before service

Application retention	Verify the project backup, firmware and operating mode before disturbing hardware.
Chassis integration	Check slot assignment, backplane power budget and configured I/O/communication modules.
Series and battery	Identify Series A or B and retain the appropriate battery reference.
Functional acceptance	Review controller faults, I/O state, communication and sequence response before release.

Verify the controller series

Read 1756-L62 and the series designation from the label. Keep Series A and Series B battery requirements separate.

Back up the application

Retain a verified project backup, firmware revision and communication configuration before removal. Do not rely on a removable memory card as the only record.

Mismatch decision

Resolve a different catalog marking, interface, software requirement or installed configuration before proceeding. Physical similarity alone does not establish an approved replacement.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

03 / Hardware and interface checks

Establish safe machine conditions

Follow the approved isolation and process shutdown procedure. Prevent an unintended output transition while the controller is removed or the program is restored.

Check chassis power capacity

Include 1.20 A at 5.1 V DC and 14 mA at 24 V DC in the applicable backplane budget, together with all other installed modules.

Key hardware references

Data and logic memory	4 MB
I/O memory	478 KB
Integrated communication	RS-232
Backplane current at 5.1 V DC	1.20 A

Preserve the connection record

Photograph and label the affected connections before disconnection. Retain the original routing, module positions and identification with the work order, and compare the restored installation against that record.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

04 / Commissioning and diagnostic decisions

Protect battery-backed memory

Use the correct series-specific battery and manufacturer replacement procedure. Verify program retention and battery status after service.

Validate the restored system

Check controller mode, faults, I/O configuration and communication paths. Perform the approved functional test before enabling normal operation.

Acceptance checkpoints

Before energization	Check slot assignment, backplane power budget and configured I/O/communication modules.
Configuration review	Identify Series A or B and retain the appropriate battery reference.
Functional release	Review controller faults, I/O state, communication and sequence response before release.

Abnormal result

If diagnostics, communication or functional response differ from the approved baseline, stop the release and resolve the configuration or installation issue. Do not bypass an interlock or protective function to obtain a passing test.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

05 / Service record and technical references

Lifecycle and support

Rockwell Automation identifies this catalog number as discontinued from 1 June 2017. The discontinued state does not establish the condition or availability of an individual unit.

Technical basis

Rockwell Automation ControlLogix Controller and Memory Board Installation Instructions, 1756-IN101L-EN-P (June 2008); ControlLogix 5570 and 5560 Controllers User Manual, 1756-UM001.

Applicability

Electrical and environmental values apply to 1756-L62; battery selection depends on the controller series.

Related portfolio references

Allen-Bradley 1756-OB16D

Allen-Bradley 1756-IRT8I

Allen-Bradley 1756-A17

Navigation only. These listings are not confirmed replacements, compatible accessories or included items.

Handover record

Retain the complete fitted marking, hardware/software revision where applicable, connection record and accepted test results. Confirm separate accessories and documents in the quotation.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.