

APTER POWER PRODUCT GUIDE

1756-L62S

GuardLogix Primary Controller

Allen-Bradley 1756-L62S is a GuardLogix 5560 primary controller with separate standard and safety memory. Together with the adjacent 1756-LSP safety partner, it executes integrated standard and SIL 3/PLe safety control.

Manufacturer	Allen-Bradley
Model	1756-L62S
Product type	GuardLogix Primary Controller
Product family	GuardLogix 5560
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 the safety-locked project and record the safety signature.
- Reserve the slot immediately to the right for the matched 1756-LSP.
- Match firmware revisions between the primary controller and safety partner.
- Complete the prescribed safety validation after project download or hardware replacement.

Controlled configuration

Complete model	1756-L62S
Product type	GuardLogix Primary Controller
System family	GuardLogix 5560

2. Commissioning sequence

- 1 Back up the safety-locked project and record the safety signature.
- 2 Reserve the slot immediately to the right for the matched 1756-LSP.
- 3 Match firmware revisions between the primary controller and safety partner.
- 4 Complete the prescribed safety validation after project download or hardware replacement.

Technical verification note

Install 1756-L62S as the GuardLogix primary controller with a 1756-LSP in the immediately adjacent right-hand slot. Record the safety signature and complete application validation after any controller or partner change.

3. Application verification

1756-L62S safety-controller replacement

Maintains the coordinated standard and safety task architecture

Machine emergency-stop logic

Creates the safety partnership across adjacent chassis slots

Guarding and access-control functions

Controls safety I/O through the validated GuardLogix project

Safety I/O validation and proof testing

Provides controller and safety-partner status for commissioning

Associated system components

- 1756-LSP safety partner
- 1756 ControlLogix chassis
- Guard I/O or safety I/O network
- validated GuardLogix application

4. Maintenance and verification FAQ

Can 1756-L62S run safety without a 1756-LSP?

No. The GuardLogix 5560 safety architecture requires the paired 1756-LSP safety partner.

How should safety I/O be checked after fitting 1756-L62S?

Confirm ownership and connection status, then execute the approved proof test for every affected input, output and safety function.

What diagnostics must be clear before placing 1756-L62S in Run?

Resolve primary-controller, safety-partner, safety-task, signature and safety-I/O faults before enabling operation.

Can another GuardLogix controller replace 1756-L62S without revalidation?

No. Any catalog, firmware, project or safety-signature change requires the site-defined migration and validation process.

Source record

Rockwell Automation GuardLogix 5560 Controllers User Manual 1756-UM020
https://literature.rockwellautomation.com/idc/groups/literature/documents/um/1756-um020_-en-p.pdf

ASK FOR QUOTE

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