

1747-L511

SLC 5/01 controller with 1 KB memory

CONTROLLED ENGINEERING COPY

Back up the program, record the chassis slot, power supply, DH-485 node settings and I/O configuration, and prove the complete machine sequence after controlled restart.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	1747-L511
Manufacturer part	1747-L511
Hardware type	1747-L511
System family	Allen-Bradley SLC 500 control system



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 1747-L511 marking and its assigned Allen-Bradley SLC 500 control system position before work.
- 2

Place the connected legacy machine sequence control process in the approved maintenance state.
- 3

Isolate applicable power and slc program execution, backplane i/o and dh-485 communications field energy before disconnection.
- 4

Record every connector, conductor, address, firmware and software identity before removal.
- 5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

MATCHED HARDWARE

- 1746 SLC chassis and backplane
- 1746-P1 through 1746-P7 power supply
- DH-485 network hardware
- approved SLC 500 I/O configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	1747-L511 / 1747-L511 recorded
Physical interface	1746 SLC chassis and backplane
Companion check	1746-P1 through 1746-P7 power supply
Functional proof	Executes the SLC 5/01 control program
Application test	Legacy machine sequence control

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Complete catalog number	1747-L511
Processor	SLC 5/01 controller
User memory	1 KB
Communication	DH-485
Communication port	DH-485 port
Compatible power supplies	1746-P1 through 1746-P7
Equipment class	Central processing unit
Lifecycle status	Discontinued January 31, 2017
Installation publication	1747-IN011
System platform	1746 SLC system

FIELD NOTE

Back up the program, record the chassis slot, power supply, DH-485 node settings and I/O configuration, and prove the complete machine sequence after controlled restart.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	1747-L511 / 1747-L511 recorded
Physical interface	1746 SLC chassis and backplane
Companion check	1746-P1 through 1746-P7 power supply
Functional proof	Executes the SLC 5/01 control program
Application test	Legacy machine sequence control

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed 1746 SLC chassis and backplane and 1746-P1 through 1746-P7 power supply against the approved project.

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VERIFICATION RECORD

PRODUCT IDENTITY	1747-L511
INSTALLED POSITION	Documented Allen-Bradley SLC 500 control system position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Siemens 6SE7027 2TD84 6HF3	Related industrial automation product	View Siemens 6SE7027 2TD84 6HF3 page
Siemens 6RY1803 0AA25 0AA1	Related industrial automation product	View Siemens 6RY1803 0AA25 0AA1 page
Siemens 6SE7035 1EJ84 1JC1	Related industrial automation product	View Siemens 6SE7035 1EJ84 1JC1 page
Siemens 6SE7033 7EG84 1JF1	Related industrial automation product	View Siemens 6SE7033 7EG84 1JF1 page
Siemens 6SL3352 6TG38 8AA3	Related industrial automation product	View Siemens 6SL3352 6TG38 8AA3 page
Siemens 6SE7041 2WL84 1JC1	Related industrial automation product	View Siemens 6SE7041 2WL84 1JC1 page
Siemens 6SL3120 2TE21 8AC0	Related industrial automation product	View Siemens 6SL3120 2TE21 8AC0 page
Siemens 6RY1803 1DA04	Related industrial automation product	View Siemens 6RY1803 1DA04 page

SOURCE IDENTIFIERS

Rockwell Automation 1747-L511 product record and installation instructions
1747-L511; 1747-IN011

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