

1746-OW16

SLC 500 sixteen-point relay output module

CONTROLLED ENGINEERING COPY

Record the slot, terminal block, group commons, load voltage and output addresses; isolate every field source before removing the module.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	1746-OW16
Manufacturer part	1746-OW16
Hardware type	16
System family	Allen-Bradley SLC 500 I/O



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 1746-OW16 marking and its assigned Allen-Bradley SLC 500 I/O position before work.
- 2

Place the connected contactor and relay command bank process in the approved maintenance state.
- 3

Isolate applicable power and sixteen grouped relay output commands field energy before disconnecting conductors.
- 4

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

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

MATCHED HARDWARE

- SLC 500 chassis
- SLC processor and backplane
- removable terminal block
- AC or DC field loads

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	1746-OW16 / 1746-OW16 recorded
Physical interface	SLC 500 chassis
Companion check	SLC processor and backplane
Functional proof	Provides sixteen normally open relay outputs
Application test	Contactor and relay command bank

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Output points	16
Output type	Normally open relay
Operating voltage	5 to 125 V DC; 5 to 265 V AC
Backplane current	170 mA at 5 V DC; 180 mA at 24 V DC
Isolation voltage	500 V DC
Groups	2 groups of 8 outputs
Operating temperature	0 to 60 degC
Storage temperature	-40 to 85 degC

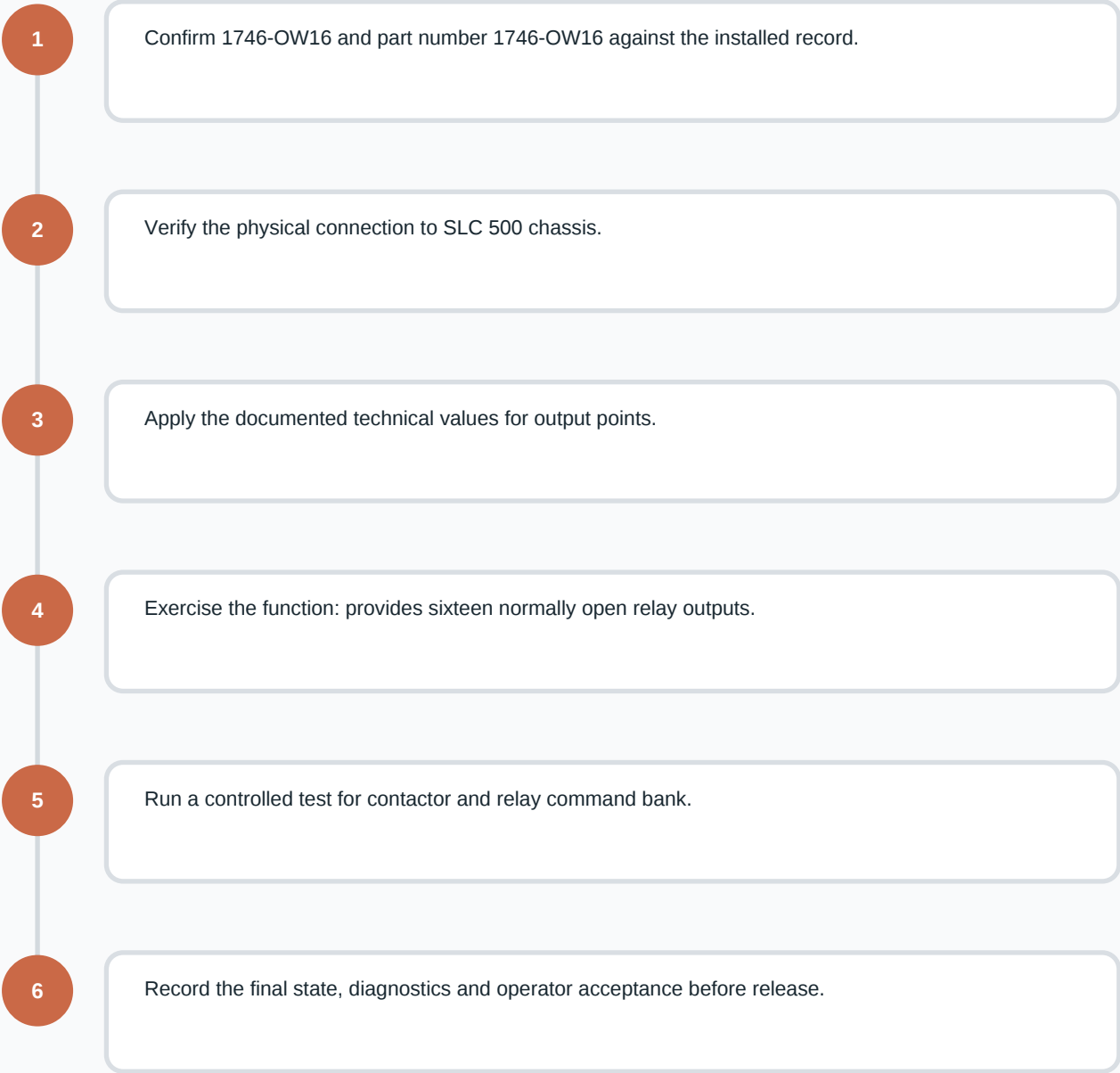
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	SLC 500 chassis
Companion hardware	SLC processor and backplane
Field connection	removable terminal block
Primary system function	Provides sixteen normally open relay outputs
Controlled acceptance duty	Contactors and relay command bank

FIELD NOTE

Record the slot, terminal block, group commons, load voltage and output addresses; isolate every field source before removing the module.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	1746-OW16 / 1746-OW16 recorded
Physical interface	SLC 500 chassis
Companion check	SLC processor and backplane
Functional proof	Provides sixteen normally open relay outputs
Application test	Contactor and relay command bank

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed SLC 500 chassis and SLC processor and backplane against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended mixed-voltage actuator control function and retain the final test result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	1746-OW16
INSTALLED POSITION	Documented Allen-Bradley SLC 500 I/O 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 A5E00297628	Related industrial automation product	View Siemens A5E00297628 page
Siemens A5E03915589	Related industrial automation product	View Siemens A5E03915589 page
Siemens A5E36228241	Related industrial automation product	View Siemens A5E36228241 page
Siemens A5E00282044	Related industrial automation product	View Siemens A5E00282044 page
Bently Nevada 330901-00-90-10-02-05-953416	Related industrial automation product	View Bently Nevada 330901-00-90-10-02-05-953416 page
Bently Nevada 330330-080-01-00	Related industrial automation product	View Bently Nevada 330330-080-01-00 page
Bently Nevada 330330-070-00-00	Related industrial automation product	View Bently Nevada 330330-070-00-00 page
Bently Nevada 330854-080-05	Related industrial automation product	View Bently Nevada 330854-080-05 page

SOURCE IDENTIFIERS

Rockwell Automation 1746-OW16 product data
1746-OW16; 1746-IN027

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