

80190-300-01-R

PowerFlex 7000 external input/output board

CONTROLLED ENGINEERING COPY

Verify the complete 80190-300-01-R marking, hardware revision, installed drive position, keyed connectors and approved PowerFlex 7000 project before removal; after installation, restore only the recorded configuration and complete the drive diagnostic sequence.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	80190-300-01-R
Manufacturer part	80190-300-01-R
Hardware type	80190-300-01-R
System family	Allen-Bradley PowerFlex 7000 medium-voltage drive
HS code	8537101190



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 80190-300-01-R marking and its assigned Allen-Bradley PowerFlex 7000 medium-voltage drive position before work.
- 2

Place the connected powerflex 7000 maintenance service process in the approved maintenance state.
- 3

Isolate applicable power and documented powerflex 7000 control-platform service function 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

- PowerFlex 7000 medium-voltage drive
- documented drive control platform
- matching keyed connectors
- approved drive project and firmware record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	80190-300-01-R / 80190-300-01-R recorded
Physical interface	PowerFlex 7000 medium-voltage drive
Companion check	documented drive control platform
Functional proof	Uses the complete manufacturer catalog identity
Application test	PowerFlex 7000 maintenance service

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Catalog number	80190-300-01-R
Board designation	XIO
Board type	External Input / Output Board
I/O voltage	120 to 240 V AC
Drive platform	PowerFlex 7000

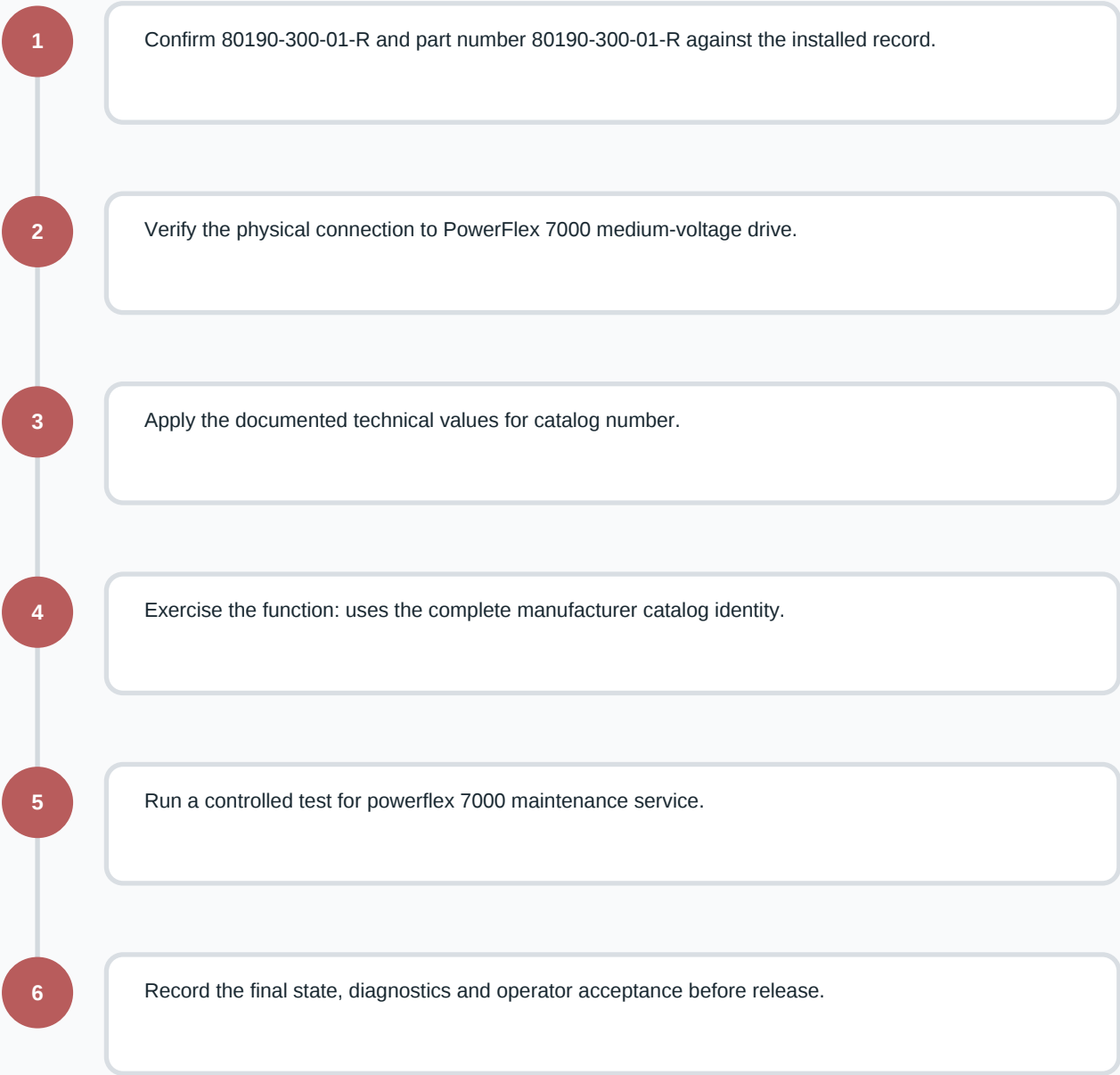
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	PowerFlex 7000 medium-voltage drive
Companion hardware	documented drive control platform
Field connection	matching keyed connectors
Primary system function	Uses the complete manufacturer catalog identity
Controlled acceptance duty	PowerFlex 7000 maintenance service

FIELD NOTE

Verify the complete 80190-300-01-R marking, hardware revision, installed drive position, keyed connectors and approved PowerFlex 7000 project before removal; after installation, restore only the recorded configuration and complete the drive diagnostic sequence.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	80190-300-01-R / 80190-300-01-R recorded
Physical interface	PowerFlex 7000 medium-voltage drive
Companion check	documented drive control platform
Functional proof	Uses the complete manufacturer catalog identity
Application test	PowerFlex 7000 maintenance service

04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the installed PowerFlex 7000 medium-voltage drive and documented drive control platform against the approved project.
- ☐ Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐ Prove the intended drive control-platform restoration function and retain the final test result.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	80190-300-01-R
INSTALLED POSITION	Documented Allen-Bradley PowerFlex 7000 medium-voltage drive 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
GE IC670MDL330	Related industrial automation product	View GE IC670MDL330 page
GE IC670MDL331	Related industrial automation product	View GE IC670MDL331 page
GE IC670MDL241	Related industrial automation product	View GE IC670MDL241 page
GE IC670MDL240	Related industrial automation product	View GE IC670MDL240 page
Allen-Bradley 22B-D4P0N104	Related industrial automation product	View Allen-Bradley 22B-D4P0N104 page
GE IC670MDL233	Related industrial automation product	View GE IC670MDL233 page
GE IC670ALG621	Related industrial automation product	View GE IC670ALG621 page
GE IC670ALG630	Related industrial automation product	View GE IC670ALG630 page

SOURCE IDENTIFIERS

Rockwell Automation PowerFlex 7000 Medium Voltage AC Drive Troubleshooting Guide
7000-TG002

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