

AD4000189-530

Cable Assembly

CONTROLLED ENGINEERING COPY

Before disconnecting AD4000189-530, photograph both endpoints and record connector keys, orientation, cable tags, support points, shield treatment and every intermediate route. After installation, complete continuity, insulation, grounding and controlled system-response checks against the approved site procedure.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	AD4000189-530
Manufacturer part	AD4000189-530
Hardware type	AD4000189-530
System family	Schneider Electric configured interconnection hardware



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete AD4000189-530 reference and both installed endpoints before disturbing the assembly.
- 2

Place the connected equipment in the approved maintenance state and isolate all applicable energy sources.
- 3

Record connector orientation, keying, cable tags, routing and strain-relief locations before disconnection.
- 4

Protect pins, sockets and connector shells from ESD, contamination, moisture and mechanical impact.
- 5

Route the replacement without tension, crushing, unsupported weight or bend stress at either connector.

MATCHED HARDWARE

- installed source-side connector
- installed destination-side connector
- cabinet cable supports and strain relief
- approved wiring and loop drawings

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	AD4000189-530 / AD4000189-530 recorded
Physical interface	installed source-side connector
Companion check	installed destination-side connector
Functional proof	Preserves the installed point-to-point connection path during like-for-like service
Application test	Control-cabinet interconnection renewal

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Catalog reference	AD4000189-530
Assembly class	Cable assembly

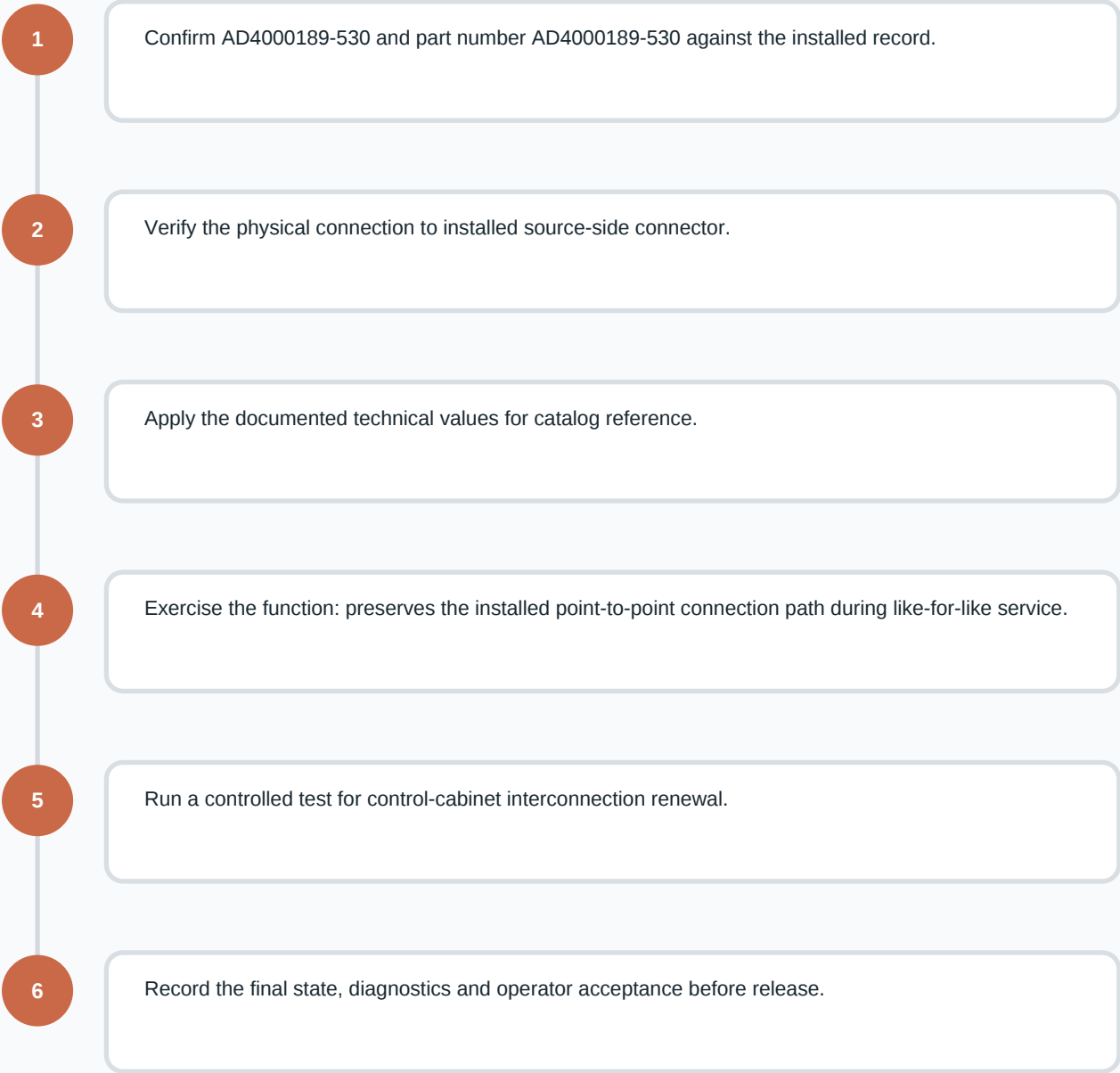
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	installed source-side connector
Companion hardware	installed destination-side connector
Field connection	cabinet cable supports and strain relief
Primary system function	Preserves the installed point-to-point connection path during like-for-like service
Controlled acceptance duty	Control-cabinet interconnection renewal

FIELD NOTE

Before disconnecting AD4000189-530, photograph both endpoints and record connector keys, orientation, cable tags, support points, shield treatment and every intermediate route. After installation, complete continuity, insulation, grounding and controlled system-response checks against the approved site procedure.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	AD4000189-530 / AD4000189-530 recorded
Physical interface	installed source-side connector
Companion check	installed destination-side connector
Functional proof	Preserves the installed point-to-point connection path during like-for-like service
Application test	Control-cabinet interconnection renewal

04 RETURN-TO-SERVICE RECORD

- ☐ Restore shielding, grounding and cabinet bonding exactly to the approved wiring documentation.
- ☐ Perform point-to-point continuity and insulation checks before reconnecting energized equipment.
- ☐ Complete controlled diagnostics and functional testing before returning the connected system to service.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN

DATE

CABINET / POSITION

FINAL DIAGNOSTIC STATE

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
ATV320U75N4B	Altivar Machine variable speed drive	Open product page
MICROLOGIC 6.0 A	Electronic circuit-breaker trip unit	Open product page
TSXP574634M	Modicon Premium Unity processor	Open product page

SOURCE IDENTIFIERS

EcoStruxure Triconex Safety Systems product range

Schneider Electric product range 63681

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