

ATV930C16N4

Altivar Process ATV930 160 kW Variable Speed Drive

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Schneider Electric ATV930C16N4 is an Altivar Process ATV930 variable speed drive rated 160 kW for 380–480 V supplies. It includes a braking unit, IP20 protection and embedded power, process and asset-monitoring functions.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	ATV930C16N4
Manufacturer	Schneider Electric
System family	Altivar Process ATV900
Record scope	Installation, application and verification

1

2

3

4

5

PLAN

ISOLATE

CONNECT

CONFIGURE

TEST

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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete ATV930C16N4 marking and the documented Altivar Process ATV930 160 kW Variable Speed Drive execution.
- 2

Place the machine, controller and affected process in the approved maintenance state.
- 3

Isolate all hazardous energy and prove the safe state before disconnecting hardware.
- 4

Record the installed position, every terminal or port, and the active engineering configuration.
- 5

Verify the exact electrical, interface and environmental limits in the manufacturer evidence.

MATCHED HARDWARE

- Schneider Electric ATV930C16N4 with complete article identity
- Matched Altivar Process ATV900 host or connected equipment
- Documented power, signal and communication interfaces
- Approved configuration, diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	ATV930C16N4 recorded
Physical interface	Installed terminals, ports and signal paths matched to the as-found record
Configuration	Approved hardware and engineering configuration restored
Functional proof	Controlled test confirms high-power variable-speed motor control with integrated process, energy and asset monitoring

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product range	Altivar Process ATV900
Product series	ATV930
Drive type	Variable speed drive
Motor power rating	160 kW
Supply voltage range	380 to 480 V AC
Supply phases	3 phase
Braking unit	Included
Degree of protection	IP20
Embedded power measurement	Provided
Energy dashboard	Provided
Process monitoring and control	Embedded
Stop and Go energy function	Provided
Asset monitoring and protection	Provided

RELATED PRODUCT PAGES

1 Bently Nevada
330909-00-60-10-01-05

2 Bently Nevada
330103-00-06-50-02-00

3 Bently Nevada
330101-37-57-10-02-05

4 Bently Nevada
330102-00-40-05-01-05

5 Bently Nevada 330850-50-00

6 Bently Nevada 330130-080-02-05

7 Bently Nevada
330104-00-08-10-02-05

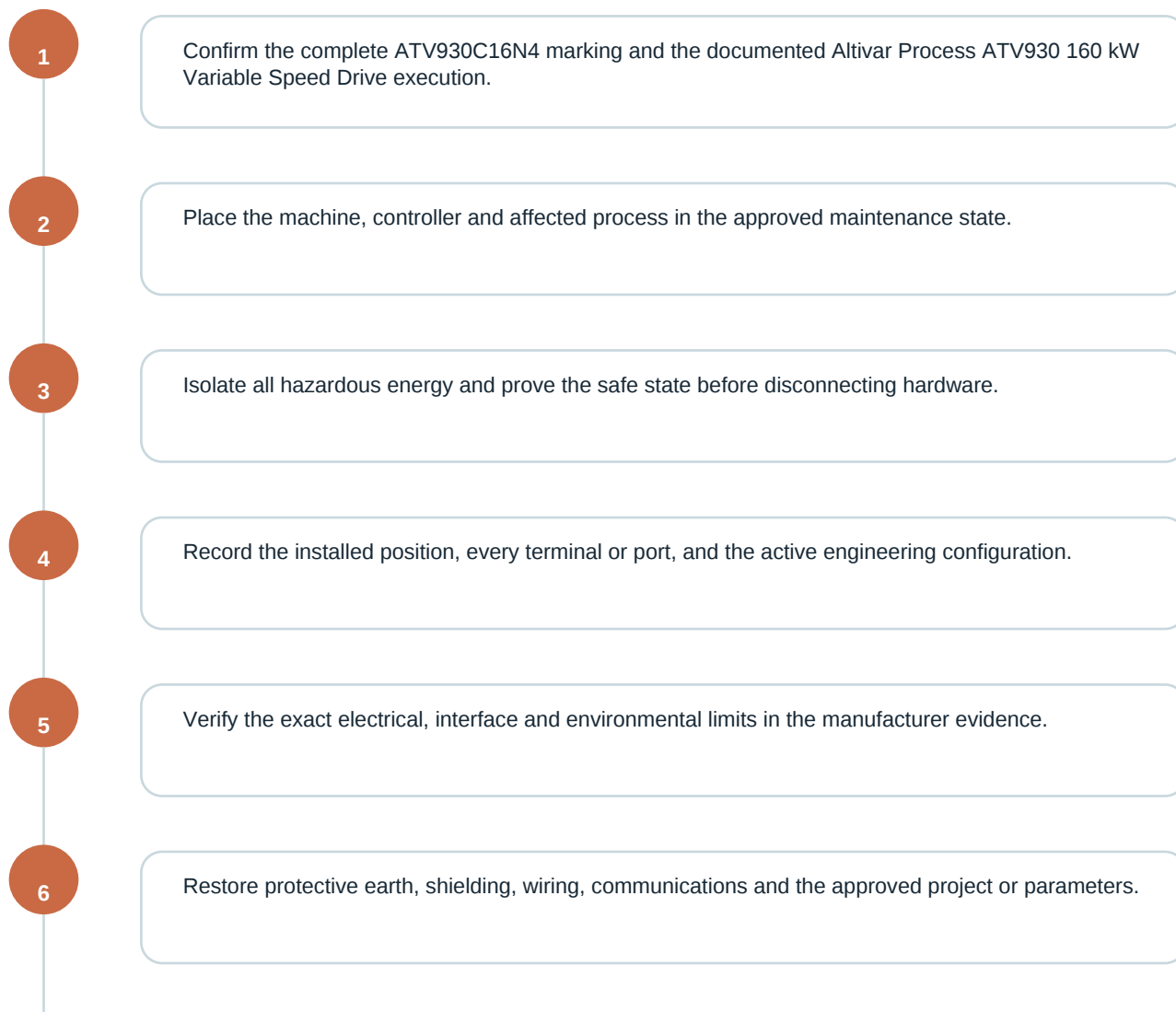
8 Bently Nevada
330101-00-66-10-02-CN

9 Bently Nevada
330101-00-58-10-02-CN

FIELD NOTE

Confirm ATV930C16N4, its exact Altivar Process ATV900 host, power source, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	ATV930C16N4
Physical interface	Installed terminals, ports and signal paths matched to the as-found record
Configuration	Approved hardware and engineering configuration restored
Functional proof	Controlled test confirms high-power variable-speed motor control with integrated process, energy and asset monitoring

04 RETURN-TO-SERVICE RECORD

- ☐ Verify the exact electrical, interface and environmental limits in the manufacturer evidence.
- ☐ Restore protective earth, shielding, wiring, communications and the approved project or parameters.
- ☐ Energize under control and review all device, rack, network and process diagnostics.
- ☐ Complete a controlled functional test of high-power variable-speed motor control with integrated process, energy and asset monitoring before release.

VERIFICATION RECORD

PRODUCT IDENTITY	ATV930C16N4
INSTALLED POSITION	Documented Altivar Process ATV900 position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Verify the exact electrical, interface and environmental limits in the manufacturer evidence.
- ☐ Restore protective earth, shielding, wiring, communications and the approved project or parameters.
- ☐ Energize under control and review all device, rack, network and process diagnostics.
- ☐ Complete a controlled functional test of high-power variable-speed motor control with integrated process, energy and asset monitoring before release.

SOURCE IDENTIFIERS

Schneider Electric official product page for ATV930C16N4 | Official manufacturer evidence verified 28 September 2026