

INDUSTRIAL AUTOMATION PRODUCT

ATV930C16N4

Altivar Process ATV930 160 kW Variable Speed Drive

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Schneider Electric
System family	Altivar Process ATV900
Part number	ATV930C16N4
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install ATV930C16N4 only in the documented Altivar Process ATV900 position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and high-power variable-speed motor control with integrated process, energy and asset monitoring before service release.

System Role and Architecture

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.

FUNCTION 1
ATV930 160 kW process drive

FUNCTION 2
380–480 V supply range

FUNCTION 3
Integrated braking unit and IP20 protection

FUNCTION 4
Embedded energy and process monitoring

RELATED APTER POWER PAGES					
1	Bently Nevada 330101-00-19-10-02-00	2	Bently Nevada 330104-10-20-05-02-00	3	Bently Nevada 330104-01-05-10-02-00
4	Bently Nevada 330101-20-36-10-02-00	5	Bently Nevada 330103-00-06-10-02-CN	6	Bently Nevada 330101-30-63-15-02-CN
7	Bently Nevada 330104-00-15-10-02-00	8	Bently Nevada 330104-00-12-10-02-00	9	Bently Nevada 330910-00-05-50-02-00

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Altivar Process ATV900
02	Matched Altivar Process ATV900 host or field system
03	Documented power, signal, communication and protective interfaces
04	Approved engineering configuration and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Altivar Process ATV900
Interface role	high-power variable-speed motor control with integrated process, energy and asset monitoring
Field / power context	documented Altivar Process ATV900 installation
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

- 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

4

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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

RELATED PRODUCT PAGES

1

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Bently Nevada

330104-00-12-10-02-00

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Bently Nevada

330910-00-05-50-02-00

ENGINEERING BOUNDARY

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

PRE-INSTALLATION CHECKS

- 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.

Applications and Engineering Context

High-power pump control

Regulates documented pump duty with process and energy feedback.

Industrial fan control

Matches airflow and motor speed to the validated operating point.

Braking-duty drive application

Uses the built-in braking unit with the approved motor and resistor arrangement.

ATV930 commissioning

Restores motor data, I/O, communication and protection before functional testing.

TECHNICAL NOTE

Install ATV930C16N4 only in the documented Altivar Process ATV900 position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and high-power variable-speed motor control with integrated process, energy and asset monitoring before service release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	ATV930C16N4 recorded
Host / carrier	Altivar Process ATV900
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

IMPORTANT NOTICE

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

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

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MANUFACTURER SOURCE RECORD

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

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.