

# 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

### PRODUCT SNAPSHOT

**BRAND**

Schneider Electric

**FAMILY**

Altivar Process ATV900

**PART**

ATV930C16N4

**DOCUMENT STATUS**

Controlled engineering copy

### APTER POWER

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[www.apterpower.com](http://www.apterpower.com)



# PRODUCT OVERVIEW

Schneider Electric ATV930C16N4 provides high-power variable-speed motor control with integrated process, energy and asset monitoring in a documented Altivar Process ATV900 installation.

 ATV930 160 kW process drive

 380–480 V supply range

 Integrated braking unit and IP20 protection

 Embedded energy and process monitoring

| RELATED APTER POWER PAGES                                                                                                  |                                                                                                                            |                                                                                                                              |
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|  Bently Nevada<br>330103-00-12-10-12-05 |  Bently Nevada<br>330104-10-15-10-01-05 |  Bently Nevada<br>330101-00-16-05-11-05 |
|  Bently Nevada<br>330105-02-12-90-12-00 |  Bently Nevada 330130-045-00-00         |  Bently Nevada<br>330106-05-30-05-02-00 |

## SYSTEM COMPONENTS

| DOCUMENTED COMPONENT | ROLE IN SYSTEM          |
|----------------------|-------------------------|
| Proximity probe      | Matched extension cable |
| Proximitor Sensor    | AISI 4140 target        |

### ENGINEERING CONTEXT

The component remains matched to its documented cabinet position, power source, interfaces and approved engineering configuration. Commissioning restores that architecture and verifies the affected control or communication function under controlled conditions.

# TECHNICAL DATA

| PARAMETER            | 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               |

| PARAMETER                       | VALUE    |
|---------------------------------|----------|
| 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 |
| Drift monitoring                | Provided |

## RELATED PRODUCT PAGES

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### 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.

# APPLICATIONS & PRECAUTIONS

## COMMON APPLICATIONS

### 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.

## PRODUCT PRECAUTIONS

1

Confirm the complete ATV930C16N4 marking and the documented Altivar Process ATV930 160 kW Variable

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.

6

Restore protective earth, shielding, wiring, communications and the approved project or

7

Energize under control and review all device, rack, network and process diagnostics.

8

Complete a controlled functional test of high-power variable-speed motor control with integrated process,

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# ENGINEER FAQ

## Q1 Why must the exact product range value be confirmed when commissioning ATV930C16N4?

The official exact-article record identifies ATV930C16N4 as Altivar Process ATV900; match the full marking before installation.

## Q2 Why must the exact product series value be confirmed when commissioning ATV930C16N4?

For ATV930C16N4, the official exact-article evidence specifies product series as ATV930. Record the installed condition and test the affected function before release.

## Q3 Why must the exact drive type value be confirmed when commissioning ATV930C16N4?

For ATV930C16N4, the official exact-article evidence specifies drive type as Variable speed drive. Record the installed condition and test the affected function before release.

## Q4 What cabinet allowance applies to ATV930C16N4 for motor power rating?

For ATV930C16N4, the official exact-article evidence specifies motor power rating as 160 kW. Record the installed condition and test the affected function before release.

## Q5 What electrical limit applies to ATV930C16N4 for supply voltage range?

For ATV930C16N4, the official exact-article evidence specifies supply voltage range as 380 to 480 V AC. Record the installed condition and test the affected function before release.

## Q6 Which supply condition applies to ATV930C16N4 for supply phases?

For ATV930C16N4, the official exact-article evidence specifies supply phases as 3 phase. Record the installed condition and test the affected function before release.

## Q7 Why must the exact braking unit value be confirmed when commissioning ATV930C16N4?

For ATV930C16N4, the official exact-article evidence specifies braking unit as Included. Record the installed condition and test the affected function before release.

## Q8 Why must the exact degree of protection value be confirmed when commissioning ATV930C16N4?

For ATV930C16N4, the official exact-article evidence specifies degree of protection as IP20. Record the installed condition and test the affected function before release.

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

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