

### ATV630D11N4

Industrial automation components

<b>Manufacturer</b>	Schneider Electric
<b>Catalog number</b>	atv630d11n4
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Product Type</b>	Variable Speed Drive
<b>Motor Power</b>	11 kW
<b>Supply Voltage</b>	380 to 480 V AC
<b>Continuous Output Current</b>	23.5 A at 4 kHz
<b>Enclosure Rating</b>	IP21
<b>Communication Ports</b>	1 Ethernet port, 2 serial ports (Modbus serial and Modbus TCP)
<b>Mounting Type</b>	Wall-mounted
<b>Dimensions</b>	171 mm (W) x 409 mm (H) x 233 mm (D)
<b>Weight</b>	7.7 kg
<b>Operating Temperature Range</b>	-15°C to 60°C

## Description

The Schneider Electric ATV630D11N4 is a variable speed drive from the Altivar Process ATV600 series, designed to control the speed and torque of three-phase asynchronous and synchronous motors. This drive is suitable for applications in process and utilities sectors, offering precise motor control and energy efficiency. It operates with a supply voltage range of 380 to 480 V AC and delivers a continuous output current of 23.5 A at 4 kHz, supporting motor power up to 11 kW (15 hp) for normal duty and 7.5 kW (10 hp) for heavy duty. The ATV630D11N4 features an integrated EMC filter, providing compliance with EN/IEC 61800-3 category C3 for distances up to 150 meters and category C2 for distances up to 50 meters. Its enclosure is rated IP21, conforming to IEC 61800-5-1 and IEC 60529 standards, ensuring protection against solid objects and limited ingress of water. The drive includes built-in communication ports: one Ethernet port and two serial ports (Modbus serial and Modbus TCP), facilitating seamless integration into various industrial networks. Designed for wall mounting, it measures 171 mm in width, 409 mm in height, and 233 mm in depth, with a net weight of 7.7 kg. The ATV630D11N4 operates within an ambient temperature range of -15°C to 60°C, with derating factors applied above 50°C. It complies with multiple international standards, including UL 508C, EN/IEC 61800-3, and IEC 61508, ensuring reliability and safety in industrial environments.