

## ATV32HD11N4

Industrial automation components

<b>Manufacturer</b>	Schneider Electric
<b>Catalog number</b>	atv32hd11n4
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Cooling Capacity</b>	11
<b>Voltage</b>	AC
<b>Power</b>	11
<b>Horsepower</b>	11
<b>Product Type</b>	Drive

### Description

The Schneider Electric ATV32HD11N4 is a variable speed drive from the Altivar 32 series, designed to control both asynchronous and synchronous motors in complex machinery applications. This drive offers a power output of 11 kW (15 hp) and operates within a supply voltage range of 380 to 500 V, accommodating 3-phase systems. It features an integrated Class C2 EMC filter, ensuring compliance with electromagnetic compatibility standards. The ATV32HD11N4 supports a speed range from 0.5 to 599 Hz, with a nominal switching frequency of 4 kHz, adjustable between 2 and 16 kHz. It provides precise motor control with torque accuracy of  $\pm 15\%$  and transient overtorque capabilities between 170% and 200% of rated torque. The drive includes protection features such as overcurrent, phase loss, short-circuit, and overheating safeguards. Communication ports include Modbus and CANopen, facilitating integration into various industrial networks. The ATV32HD11N4 is suitable for applications requiring reliable and efficient motor control in demanding environments.