

ATV71HU15N4

Industrial automation components

Manufacturer	Schneider Electric
Catalog number	atv71hu15n4
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.72 kgs
Voltage	480 V
Power	1.5 kW
Horsepower	1.5 KW
Signal Level	480 V
Cooling Capacity	1.5 kW
Product Type	Drive

Description

The Schneider Electric ATV71HU15N4 is a variable speed drive from the Altivar 71 series, designed for complex, high-power machines. It delivers 1.5 kW (2 hp) of power at 380...480 V, suitable for 3-phase asynchronous and synchronous motors. The drive features integrated EMC filtering and a built-in heat sink for efficient operation. It offers a speed range from 0.1 to 599 Hz, with a nominal switching frequency of 4 kHz, adjustable up to 16 kHz. The ATV71HU15N4 supports various motor control profiles, including flux vector control with sensor and sensorless flux vector control. It is equipped with an ENA (Energy adaptation) system for unbalanced loads and a voltage/frequency ratio with 2 or 5 points. The drive operates within a supply voltage range of 323...528 V and a frequency range of 50...60 Hz. Its dimensions are 230 mm in height, 130 mm in width, and 175 mm in depth, with an IP20 enclosure rating. The ATV71HU15N4 is ideal for applications requiring precise speed and torque control, such as lifting, conveying, or pumping systems.