

## ATV58HU18N4

Industrial automation components

<b>Manufacturer</b>	Telemecanique
<b>Catalog number</b>	atv58hu18n4
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	4.70 kgs
<b>Cooling Capacity</b>	0.75
<b>Signal Type</b>	460
<b>Relay Specifications</b>	460 VAC
<b>Power</b>	0.75
<b>Product Type</b>	Drive
<b>Signal Level</b>	460 V

### Description

The Schneider Electric Telemecanique ATV58HU18N4 is a variable frequency drive (VFD) designed to provide precise motor control for industrial applications. Part of the Altivar 58 series, this drive is engineered for efficiency, flexibility, and reliability, offering excellent performance in demanding environments. It is suitable for applications such as conveyors, fans, and pumps, where variable motor speeds are essential for optimizing performance and energy consumption. Key features include a motor rating of 0.75 kW (1 hp), operating with a three-phase input voltage of 380-500 V at 50/60 Hz, and an output current of 2.3 A. The drive offers an output frequency range from 0.1 to 500 Hz, providing exceptional control over motor speed. Protection features include overload and short-circuit protection, ensuring reliable operation and safeguarding both the motor and the drive. The ATV58HU18N4 is housed in an IP20-rated enclosure, suitable for indoor environments with minimal exposure to dust and moisture. Its compact design facilitates easy integration into various setups, while the user-friendly interface allows convenient access to configuration and control settings. This drive is an ideal choice for industries aiming to enhance efficiency, protect equipment, and reduce energy costs.