

ATV71HU55N4

Industrial automation components

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| Manufacturer | Schneider Electric |
| Catalog number | atv71hu55n4 |
| Category | Industrial automation components |
| Product type | Industrial automation components |
| Status | Active product |

Technical specification

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| Weight | 5.44 kgs |
| Voltage | 380 - 480 V |
| Current | 14.3 A |
| Power | 5.5 kW |
| Cooling Capacity | 5.5 kW |
| Relay Specifications | 480 VAC |
| Horsepower | 5.5 KW |
| Product Type | Drive |
| Signal Type | 480 |
| Signal Level | 480 V |

Description

The Schneider Electric ATV71HU55N4 is a variable speed drive from the Altivar 71 series, designed for complex, high-power machines. It delivers 5.5 kW (7.5 hp) of power at 380...480 V, 3-phase, and operates within a frequency range of 0.1 to 599 Hz. The drive features an integrated EMC filter and is equipped with a heat sink for efficient thermal management. It offers a nominal switching frequency of 4 kHz, adjustable up to 16 kHz, with a derating factor. The ATV71HU55N4 supports both asynchronous and synchronous motor control profiles, including Energy Adaptation System (ENA) for unbalanced loads, Flux Vector Control (FVC) with sensor, and Sensorless Flux Vector Control (SFVC). It is suitable for applications requiring precise speed and torque control, such as conveyors, pumps, and compressors.