

ATV310HD18N4E

Schneider Electric ATV310HD18N4E - variable speed drive ATV310, 18.5 kW, 25 hp, 380...460 V, 3 phase, without filter

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV310HD18N4E
PRODUCT FAMILY	CATEGORY
Easy Altivar 310	VFD
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

This Easy Altivar 310 drive is a frequency inverter for three-phase asynchronous motors. Its protection index is IP20. It works at a rated power up to HD 18.5kW /25HP or ND 22kW/30HP, and a rated voltage from 380V to 460V AC. Its compact size, robust design and ease of installation, based on the principle of plug and play and its integrated functions make it particularly suitable for applications involving industrial machines and certain consumer machines. It weighs 6.3kg and its dimensions are, 180mm wide, 330mm high, 191mm deep. This drive incorporates functions that are suitable for the most common applications, including textile machine, machine tools, wood making machine, material handling, packaging and printing machines, ceramic machine. Schneider Electric ATV310HD18N4E is the exact manufacturer reference for variable speed drive ATV310, 18.5 kW, 25 hp, 380...460 V, 3 phase, without filter in the Easy Altivar 310 family. Recorded technical characteristics include Phases: 3; Cooling: Integrated fan; EMC filter: No; Noise level: 50 dB; Output frequency: 0.5...400 Hz; Rated supply voltage: 380...460 V; Communication protocol: Modbus; Motor power (heavy duty): 18.5 kW. For an RFQ, use the complete part number ATV310HD18N4E so the required rating, configuration and compatible accessories remain exact. Review the linked manufacturer data sheet against the supply system, load, enclosure, environmental conditions and applicable standards before final engineering selection. Thi

RECORDED SPECIFICATIONS

Phases	3
Cooling	Integrated fan
EMC filter	No
Noise level	50 dB
Output frequency	0.5...400 Hz
Rated supply voltage	380...460 V
Communication protocol	Modbus
Manufacturer part number	ATV310HD18N4E
Motor power (heavy duty)	18.5 kW
Line current (heavy duty)	55.3 A at 380 V

ADDITIONAL SPECIFICATIONS

Motor power (normal duty)	22 kW
Apparent power (heavy duty)	36.5 kVA at 460 V
Output current (heavy duty)	39 A
Output current (normal duty)	43 A
Prospective line Isc (heavy duty)	22 kA

MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.