

ATV310HD15N4EF

Schneider Electric ATV310HD15N4EF - Easy Altivar 310 Variable Speed Drive, 15 kW Heavy Duty / 18.5 kW Normal Duty

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV310HD15N4EF
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 15kW/20HP or ND 18.5KW/25HP, a rated voltage from 380V to 460V AC, and an integrated EMC filter category C3 with 25m/82ft shielded motor cable. 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 6.7kg 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 ATV310HD15N4EF is the exact manufacturer reference for Easy Altivar 310 Variable Speed Drive, 15 kW Heavy Duty / 18.5 kW Normal Duty in the Easy Altivar 310 family. Recorded technical characteristics include EMC filter: Integrated; Noise level: 50 dB; Type of cooling: Integrated fan; Power dissipation: 416.0 W (Heavy Duty), 451.7 W (Normal Duty); Rated supply voltage: 380...460 V; Analogue input number: 1; Discrete input number: 4; Analogue output number: 1. For an RFQ, use the complete part number ATV310HD15N4EF so the required rating, configuration and compatible accessories remain exact. Review the linked manufacturer data sheet against the su

RECORDED SPECIFICATIONS

EMC filter	Integrated
Noise level	50 dB
Type of cooling	Integrated fan
Power dissipation	416.0 W (Heavy Duty), 451.7 W (Normal Duty)
Rated supply voltage	380...460 V
Analogue input number	1
Discrete input number	4
Analogue output number	1
Discrete output number	2
Manufacturer part number	ATV310HD15N4EF

ADDITIONAL SPECIFICATIONS

Motor power (Heavy Duty)	15 kW
Network number of phases	Three phase
Motor power (Normal Duty)	18.5 kW
Communication port protocol	Modbus
Nominal switching frequency	4 kHz
Motor power (Heavy Duty, hp)	20 hp
Speed drive output frequency	0.5?400 Hz
Motor power (Normal Duty, hp)	25 hp
Line current (Heavy Duty, 380V)	46.5 A
Line current (Heavy Duty, 460V)	38.5 A
Line current (Normal Duty, 380V)	46.6 A
Line current (Normal Duty, 460V)	38.8 A
Apparent power (Heavy Duty, 460V)	30.7 kVA
Prospective line Isc (Heavy Duty)	22 kA
Apparent power (Normal Duty, 460V)	31.2 kVA

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.