

ATV320U55N4B

Schneider Electric ATV320U55N4B - Variable speed drive, Altivar Machine ATV320, 5.5 kW, 380-500 V, 3 phases

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV320U55N4B
PRODUCT FAMILY	CATEGORY
Altivar Machine ATV320	Variable Frequency Drive
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

This Altivar 320 variable speed drive can feed 3-phase synchronous and asynchronous motors. Its book form factor allows for a simple and compact installation in your automation cabinets. It works at a rated power up to 5.5kW / 7.5hp and a rated voltage from 380V to 500V AC. Its robust design with IEC 60721-3-3 class 3C3 coated printed circuit boards allows to extend machine availability in harsh environmental conditions, for example at ambient temperatures of up to 60°C without the need of additional cooling. It incorporates functions suitable for the most common applications, including torque and speed accuracy at very low speed, high dynamic performance with flux vector control without sensor and extended frequency range for high-speed motors. It also incorporates parallel connection of motors and special drives using the voltage/frequency ratio and static speed accuracy and energy saving for open-loop synchronous motors. The drive software includes 5 safety functions that help machines meet safety requirements, whether or not they are used in conjunction with a Preventa safety module. These safety functions are configured using SoMove software. Altivar Machine ATV320 was designed for Original Equipment Manufacturers (OEMs) that meets simple and advanced application requirements covered for packaging, material handling, textile, material working, mechanical actuators and hoisting. It conforms to international standards IEC/EN 61800-5-1 and IEC/EN 61800-3 (immunity and condu

RECORDED SPECIFICATIONS

IP rating	IP20
EMC filter	Class C2 integrated
Motor power	5.5 kW
Brake chopper	Integrated
Apparent power	12.6 kVA
Analogue inputs	3
Discrete inputs	7
Analogue outputs	1
Discrete outputs	3
Max input current	20.7 A

ADDITIONAL SPECIFICATIONS

Network frequency	50-60 Hz
Max output voltage	500 V
Max output frequency	0.599 kHz
Prospective line Isc	22 kA
Rated supply voltage	380-500 V
Safety function (SLS)	True
Nominal output current	14.3 A
Manufacturer part number	ATV320U55N4B
Nominal switching frequency	4 kHz

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.