

ATV320U40S6C

Schneider Electric ATV320U40S6C - Altivar Machine ATV320 Variable Speed Drive
4 kW, 525...600 V, 3 phases

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV320U40S6C
PRODUCT FAMILY	CATEGORY
Altivar Machine ATV320	VFD
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

Altivar Machine ATV320 range is an offer of variable speed drives designed for Original Equipment Manufacturers (OEMs). Its compact form factor allows vertical stacking of drives inside machine frames. It works at a rated power up to 4kW / 5hp and a rated voltage from 525V to 600V 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. It weighs 2.5kg and its dimensions are 140mm wide, 184mm high, 158mm deep. 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 confo

RECORDED SPECIFICATIONS

Width	140 mm
Height	184.0 mm
EMC filter	No
Motor power	4.0 kW
Mounting mode	Wall mount
Safe Stop 1 (SS1)	True
Rated supply voltage	525...600 V
Analogue input number	3
Discrete input number	7
Safe Torque Off (STO)	True

ADDITIONAL SPECIFICATIONS

Analogue output number	1
Discrete output number	3
Nominal output current	6.1 A
IP degree of protection	IP20
Integrated brake chopper	Yes
Manufacturer part number	ATV320U40S6C
Maximum output frequency	0.599 kHz
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.