

ATV320U06N4WS

Schneider Electric ATV320U06N4WS - Altivar Machine ATV320 Variable Speed Drive 0.55 kW, 380-500 V, 3 phases, IP65

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV320U06N4WS
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). This ATV320 drive can feed 3-phase synchronous and asynchronous motors. It works at a rated power up to 0.55kW, and a rated voltage from 380V to 500V. Altivar high IP offers washable drives for harsh environments, if users want to clean the dust and chemical pollution outside of drives. It is delivered without fan, with embedded EMC C2 filter and it provides IP65 protection. It integrates as standard Modbus and CANopen communication protocols with access via the RJ45 connector on the front of the drive. It weighs 6.3kg. The drive software includes 5 safety functions that help machines meet safety requirements. These safety functions are configured using SoMove software. This Altivar Machine ATV320 is designed for conveyors, carton packers, gantry cranes, woodworking, metal processing, fans, Food & Beverage industry. It conforms to IEC, UL, TUV, KC and other international standards. EcoStruxure Machine software compatibility enables developping, configuring and commissioning the entire machine in a single software environment, including logic, motion control, HMI and related network automation functions. It is delivered in 2 packages. ATV320 can be installed alone or side by side in a multi-drive configuration. The Altivar Machine ATV320 series focus on easy integration for simple and advanced machine requirements with proven motor control and connectivity. A

RECORDED SPECIFICATIONS

Format	Enclosed
IP Rating	IP65
Motor Power	0.55 kW
Analog Inputs	3
Mounting Mode	Wall mount
Analog Outputs	1
Discrete Inputs	7
Discrete Outputs	3
EMC Filter Class	C2
Safety Functions	Safely Limited Speed (SLS) True, Safe Stop 1 (SS1) True, Safe Torque Off (STO) True

ADDITIONAL SPECIFICATIONS

Network Frequency	50-60 Hz
Switching Frequency	2-16 kHz adjustable
Prospective Line Isc	5 kA
Rated Supply Voltage	380-500 V
Transient Overtorque	170-200 %
Maximum Input Current	2.8 A
Maximum Output Voltage	500 V
Nominal Output Current	1.9 A
Manufacturer part number	ATV320U06N4WS
Maximum Output Frequency	0.599 kHz
Line Current (Heavy Duty)	2.8 A at 380 V, 2.2 A at 500 V
Apparent Power (Heavy Duty)	1.9 kVA at 500 V
Nominal Switching Frequency	4 kHz
Communication Port Protocols	Modbus serial, CANopen
Power Dissipation (Self-cooled)	27.0 W at 380 V (4 kHz switching frequency)

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.