

ATV320U04N4B

Schneider Electric ATV320U04N4B - ATV320 Variable Speed Drive, 0.37 kW, 380-500V, 3-Phase, Book Format

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV320U04N4B
PRODUCT FAMILY	CATEGORY
Altivar Machine ATV320	Variable Speed Drive
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

The Schneider Electric ATV320U04N4B is a compact and versatile variable speed drive, part of the Altivar Machine ATV320 series, engineered for precise motor control in complex machinery. This 0.37 kW (0.5 hp) heavy-duty drive operates on a 380-500 V, 3-phase supply, delivering a nominal output current of 1.5 A. Featuring an integrated Class C2 EMC filter and IP20 protection, it ensures reliable performance in cabinet-mounted applications. Connectivity includes Modbus serial and CANopen protocols, with a range of optional communication modules available. Key safety features include Safe Torque Off (STO). The Schneider Electric ATV320U04N4B is ideal for a multitude of industrial applications across Egypt and the Gulf, such as conveyors, pumps, fans, and packaging lines in sectors like water treatment, food and beverage, and building services. Its robust design and wide operating temperature range (-10 to 50 °C) make it a dependable choice. Contact us to request a quote.

RECORDED SPECIFICATIONS

Depth	245.0 mm
Width	45.0 mm
Height	325.0 mm
EMC filter	Class C2 EMC filter integrated
mounting mode	Cabinet mount
Motor power hp	0.5 hp
Motor power kW	0.37 kW for heavy duty
Product weight	2.5 kg
Network frequency	50...60 Hz
Official lifecycle	Current official manufacturer lifecycle evidence

ADDITIONAL SPECIFICATIONS

Format of the drive	Book
Analogue input number	3
Discrete input number	7
Analogue output number	1
Discrete output number	3
Product certifications	CE, ATEX, NOM, GOST, EAC, RCM, KC
nominal output current	1.5 A
IP degree of protection	IP20
Brake chopper integrated	True
Manufacturer part number	ATV320U04N4B
[Us] rated supply voltage	380...500 V - 15...10 %
Communication port protocol	Modbus serial, CANopen
Nominal switching frequency	4 kHz
Ambient air temperature for operation	-10?50 °C without derating
With safety function Safe torque off (STO)	True

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.