

ATV340U75N4E

Schneider Electric ATV340U75N4E - variable speed drive, Altivar Machine ATV340, 7.5kW, heavy duty, 400V, 3 phases, Ethernet

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV340U75N4E
PRODUCT FAMILY	CATEGORY
Altivar Machine ATV340	VFD
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

This Altivar 340 variable speed drive can feed 3-phase synchronous and asynchronous motors in open and closed loop control. Altivar Machine ATV340 drives are sized heavy duty as standard. It works at a rated power up to 7.5kW / 10hp and a rated voltage from 380V to 480V AC. ATV340 has been designed to meet the needs of applications for harsh environments, such as vibration, shock and non-conductive dust and where high temperature resistance up to 60 °C is needed. This product integrates Modbus serial line communication protocols as standard. This drive features multi-protocol Ethernet embedded, it consists of Ethernet IP and Modbus TCP communication interfaces. it weighs 3kg and its dimensions are, 110mm wide, 270mm high, 234mm deep. ATV340 incorporates functions and features suitable for the most common applications, including packaging, material handling, material working, hoisting. It conforms to international standards IEC/EN 61800-5-1 and IEC/EN 61800-3 (immunity and conducted and radiated EMC emissions), IEC 60721-3, IEC 61508, IEC 13849-1. It is also CE, UL, CSA, and TÜV certified. Accessories and options (encoder interface modules, I/O expansion modules, communication modules, braking resistors, line chokes, additional EMC filters) are available with Altivar Machine ATV340 drives, depending on the drive rating. It is designed to be mounted in vertical position (+/- 10 °) on a panel, thanks to 4 fixing holes. It is fully integrated inside Schneider Electric's EcoStruxu

RECORDED SPECIFICATIONS

Phases	3
EMC filter	Class C3 integrated
IP protection	IP20
Supply frequency	50...60 Hz
Relay output number	2
Rated supply voltage	380...480 V
Analogue input number	2
Discrete input number	5
Analogue output number	1
Discrete output number	2

ADDITIONAL SPECIFICATIONS

Nominal output current	16.5 A
Communication protocols	EtherNet/IP, Modbus serial, Modbus TCP
Manufacturer part number	ATV340U75N4E
Maximum output frequency	0.599 kHz
Motor power (heavy duty)	7.5 kW
Motor power (normal duty)	11 kW
Motor power hp (heavy duty)	10 hp
Nominal switching frequency	4 kHz
Motor power hp (normal duty)	15 hp
Maximum switching current R1C (resistive)	3 A at 250 V AC, 3 A at 30 V DC
Maximum switching current R2C (resistive)	5 A at 250 V AC, 5 A at 30 V DC

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.