ATV340U30N4

Schneider Electric ATV340U30N4 - Altivar Machine ATV340 Variable Speed Drive 3kW Heavy Duty

BRAND
Schneider Electric

PRODUCT FAMILY
Altivar Machine ATV340

SUPPLY BASIS
RFQ / on request - no stock claim

ORDER CODE / PRODUCT REFERENCE
ATV340U30N4

CATEGORY
Variable Frequency Drive

RECORD IDENTITY
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 3kW /3hp 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. it weighs 2.1kg and its dimensions are, 85mm wide, 270mm high, 232.5mm 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 EcoStruxure Machine through DTM. It is possible to configure, control, and diagnose ATV340 drives directly in SoMachine and SoMove s

RECORDED SPECIFICATIONS

Phases	3 phase
EMC filter	Class C3 integrated
Brake chopper	Integrated
Supply frequency	50...60 Hz
Rated supply voltage	380...480 V
Communication protocol	Modbus serial
Nominal output current	7.2 A
IP degree of protection	IP20
Manufacturer part number	ATV340U30N4
Maximum output frequency	0.599 kHz

ADDITIONAL SPECIFICATIONS

Motor power (heavy duty)	3 kW
Motor power (normal duty)	4 kW
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.