ATV340D55N4E

ATV340D55N4E variable speed drive - 55kW- 400V - 3 phases - ATV340 Ethernet

BRAND
Schneider Electric

PRODUCT FAMILY
Altivar Machine ATV340

SUPPLY BASIS
RFQ / on request - no stock claim

ORDER CODE / PRODUCT REFERENCE
ATV340D55N4E

CATEGORY
VFD

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 55kW / 75hp 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 57.9kg and its dimensions are, 271mm wide, 908mm high, 309mm 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 EcoStru

RECORDED SPECIFICATIONS

EMC filter	Integrated C3
Motor types	Asynchronous motors, Synchronous motors
Safety function	STO (safe torque off) SIL 3
Type of cooling	Forced convection
Rated supply voltage	380...480 V
IP degree of protection	IP20
Manufacturer part number	ATV340D55N4E
Motor power (heavy duty)	55 kW
Network number of phases	3 phases
Communication port protocol	Ethernet/IP, Modbus serial, Modbus TCP

ADDITIONAL SPECIFICATIONS

Nominal switching frequency	2.5 kHz
Speed drive output frequency	0.1...500 Hz
Line current (heavy duty at 380V)	98.9 A
Continuous output current (heavy duty)	106 A at 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.