



Altivar 340: Superior machine performance



Modular W/o E

With Ethernet

Power and Voltage Range:

- 0.75kW - 75kW, Ethernet Embedded 380...480 V - 15...10 %
- 0.75kW - 22kW, W/o Ethernet 380...480 V - 15...10 %

Number of integrated I/O

Built in	DI	DO	RO	AI	AO
Up to 22kW	5	2	2	2	1
Above 30 Kw	8	1	3	3	2

Integrated Communication

Single port compatible with CANopen and Modbus Serial line (up to 22kW) Ethernet IP (0.75kW to 75kW)

Optional Communication

Ethernet IP and Modbus TCP, CANopen RJ45 Daisy Chain, Sub-D, and screw terminals, PROFINET, Profibus DP V1, EtherCAT, DeviceNet and PowerLink

[Catalog link ATV340](#)

Superior performance

- Ability to run async, sync & PM motors
- 150% overload for 60 sec (HD) (Provision of 120% overload for 60 sec/ND)
- Better dynamic response in Close loop
- Embedded TTL Encoder D9 port up to 22kW.
- Pulse Control PTI -PTO
- Built in Dual Port Ethernet IP .
- Built in hoisting function with brake logic
- DC bus sharing
- 1ms task cycle.
- Multimotor Configuration support,

Cost and space saving

- Built in braking unit up to 75kW
- Small footprint ,removable terminal with FDR support,
- RSPT & Webserver built-in for E version,

Robust Design- IEC60721-3-3

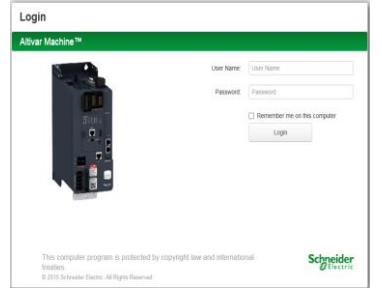
- 50°C ambient temperature
- 3C3 for chemical environment
- 3S3 for mechanical environment
- DC Choke Built in above 30kW

Safety Functions - EN ISO 13849-1 & EN-62061

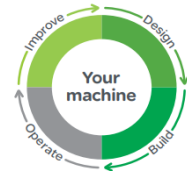
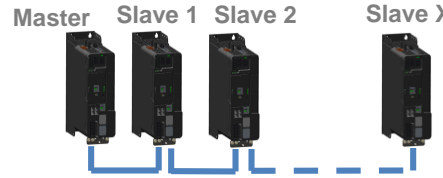
- Safety STO (up to SIL3 / PLe),
- SS1, SLS, SMS, GDL),
- STO: Safe Torque Off,
- SS1Safe Stop 1,
- SLS: Safe Limited Speed,
- SMS: Safe Maximum Speed,
- GDL: Guard Door Locking



VW3A1113 VW3A1114 VW3A1111 VW3A1112



Webserver support Built In Ethernet



Reduced machine design time helps increase operation efficiency

TVDAs are combinations of Schneider Electric best-in-class products providing typical control architectures

FDT Technology: A widely-accepted international standard

Targeted applications

Packaging

Carton packers, labeling machines, Sealing, Bagging machines etc.

Example:

- Rotary labelling machine
- Vertical boxing machine

Material Handling

Small Conveyors, Pallets, Logistic Center, Roller Tables, Automatic Doors etc.

Material Working and Hoisting

2D Machines, Saws, Gummers, Planers, Bending Presses, Welding, Wood working, Pick and Place, Elevators for the manufacturing sector, Trolley, Hoists etc

Textile & Plastic Machinery,

Winder & Rewinder, Waiving, Texturizer, cutter, Extrusion, slitter



Packing and packaging machines



Consumer packaged goods machinery



Material working



Material handling



Hoisting



Textile application