



ATV310 : Robust ~ Fit to Purpose ~ Easy



Power Range: 0.37 to 11 kW

Voltage Range: 380-460 V 3Ph

Communication: Modbus

Input/ Outputs :

- 1 AI (0-20 mA, 0-10 V, 0-5 V)
Can be configured as DI also
- 4 DI (18-30 V)
- 1 AO (0-20mA, 0-10 V)
- 1 DO
- 1 Relay output (C/O)

Withstand Harsh Environment:

- 55 Deg C Ambient Temperature without derating
- 150% Overload for 60 sec (Heavy Duty as standard)
- 3C3 Harsh chemical environment.
- 3S2 protection against solid particles.

Ease of Installation:

- Copy program from device without Power On, saves time for OEMs (Simple and Multi-loader)
- Body QR code to access all documents.
- Wiring Diagram on VFD Body for Easiness
- Panel mounted keypad option available

Embedded Functions

- Torque Boost
- Motor Noise Reduction
- DC Injection
- Preset Speed
- PID Regulator
- S and U Ramp
- Jog operation
- +/- speed around reference
- Freewheel stop, fast stop
- Automatic catching a spinning load
- Automatic restart
- Breaking Unit from 1.5kW inbuilt



Multiloader



QR Code



On drive wiring Diagram

[ATV310 Catalog](#)

Targeted applications

- Textile Machine
- Machine Tools
- Wood Making Machine
- Material Handling
- Packaging and Printing Machine
- Ceramic Machine
- Fan and Pump
- Blower
- HVAC
- Compressor
- Conveyor
- Long and Cross Travel (Crane)

