

MD310 AC Drive

Open loop, general purpose, compact drive

Features & functions

- Open-loop V/F & sensorless vector control
- Starting torque
 - 150% at 0.5 Hz (SVC)
 - 100% at 1.0 Hz (V/F)
- Modbus or CANlink^{*1} comms
- Automatic torque boost
- Slip compensation
- Simplified parameters for easy set-up
- 4 independent S-Ramps
- Flexible programmable I/Os
- Variable DC-injection braking
- Comprehensive trip diagnostics
- Output frequency: 500 Hz
- Built-in dynamic braking unit

Wide operating voltage
three-phase 323 to 484 Vac
0.4 kW to 18.5 kW



Onboard Modbus RTU
(optional CANlink^{*1})

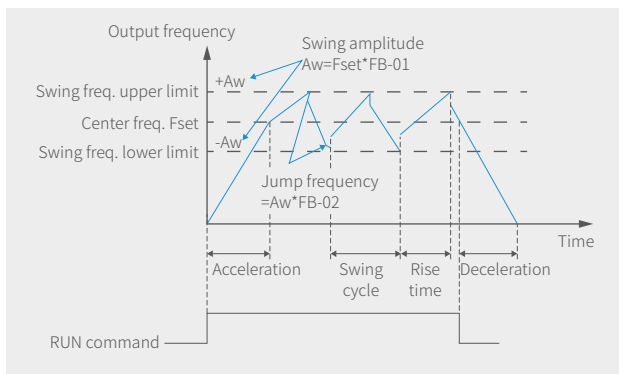
PC based software:
simplified start up and backup^{*2}

Operation in high ambient temperatures $\pm 50^{\circ}\text{C}$
Please note: If operating above 40°C , derating is required

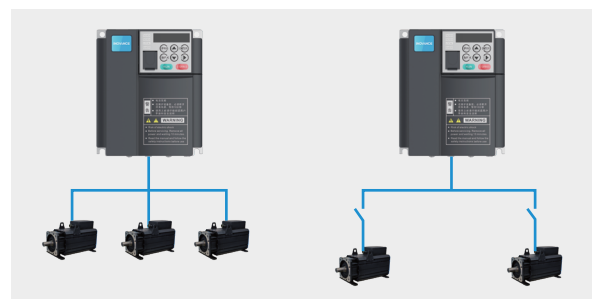


*1 CANlink is Inovance's proprietary serial comms offering.
*2 PC comms kit is required (optional accessory).

Textile wobble control



Able to control multiple motors



Control multiple motors simultaneously in V/F mode

One drive can control 2 motors with different parameter sets at different times (SVC mode)

