



AutoFreq Variable Frequency Controller



FEATURES

The Automotion AutoFreq Variable Frequency Controller goes far beyond the conventional variable frequency drive. This pre-wired / pre-programmed unit installs in a snap and provides simple “dial-in” speed adjustment flexibility.

A built-in start-up ramp and stop ramp reduces wear and tear on your conveyor system. “Dial” your speeds down for the first year, and then “dial up” the speeds as your throughput requirements increase.

Increase your operating flexibility and decrease your maintenance expenses with Automotion’s AutoFreq Variable Frequency Controller.

MECHANICAL CHARACTERISTICS

Variable Frequency Controller:

Reliance MD60 or MD65

Pre-programmed unit featuring:

- 2 second start-up ramp
- 2 second stop ramp
- Motor ‘on’ when motor power is applied.
- Password protected settings

Integrated Safety Lock-Out Disconnect:

Pre-wired unit replaces motor lock-out disconnect. No additional field wiring - wire it as you would wire a motor disconnect. Save the hardware cost of a lock-out disconnect.

Adjustable conveyor speeds.

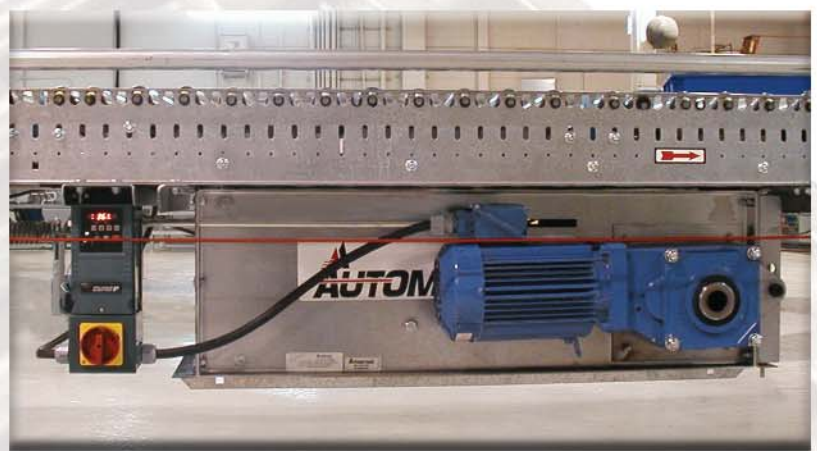
Conveyor speed is adjusted with a dial instead of with sprockets and chains.

Added Benefits:

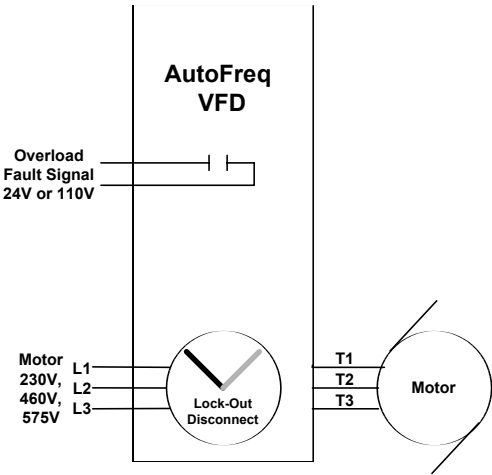
- No field programming required.
- Reduced maintenance costs.
- Reduced down time.
- Built-in soft start/soft stop feature lowers wear and tear on conveyor components, drive belts, and drive shafts.

AVAILABLE CONFIGURATIONS

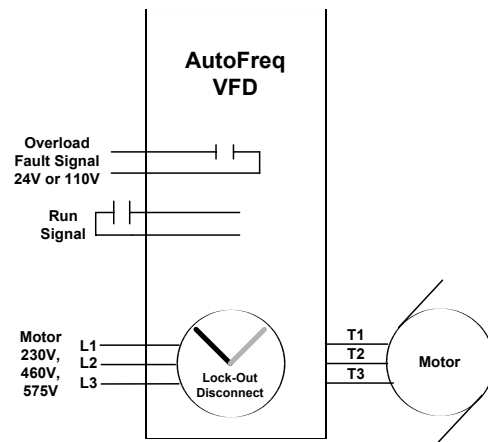
	MD60	MD65
110V 1 Phase	NA	NA
230V 3 Phase	YES	YES
480V 3 Phase	YES	YES
575V 3 Phase	NA	YES
Device Net	NA	OPTIONAL
3/4 HP To 5HP	YES	YES
7.5HP and Up	NA	YES



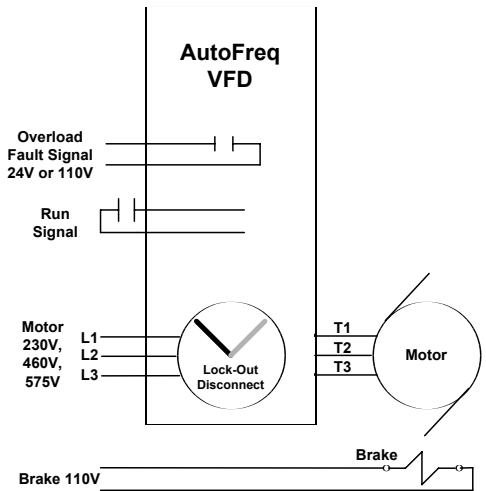
General Wiring:
AutoFreq controlling standard motor.
Start/Stop once or twice per day.



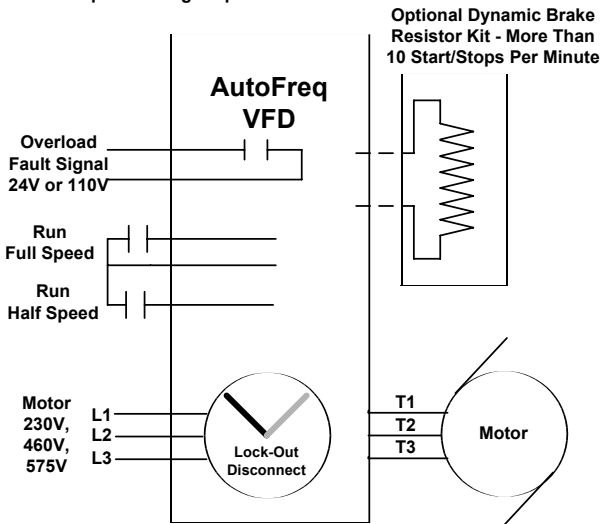
General Wiring:
AutoFreq controlling standard motor.
Start/Stop more than twice per day.



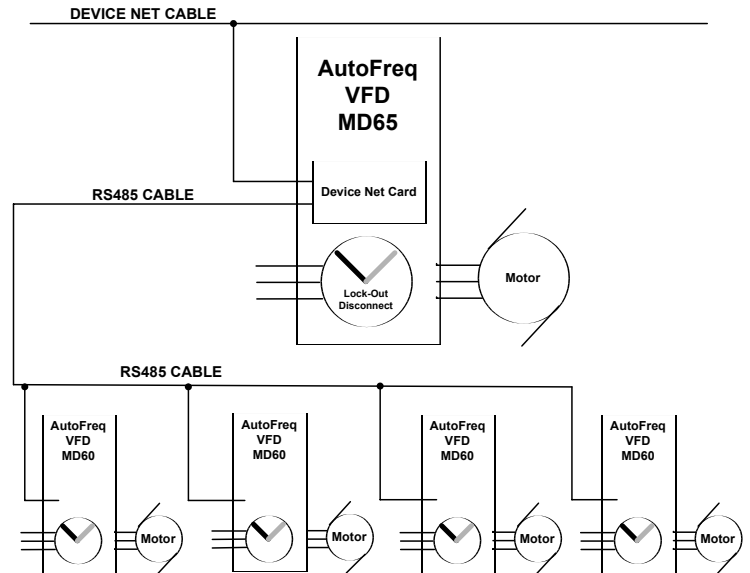
General Wiring:
AutoFreq controlling brake motor.



General Wiring:
AutoFreq controlling Stop/Start Meter Belt.



General Wiring:
DeviceNet control of AutoFreq units.
One MD65 unit can control up to 4 MD60's.
DeviceNet provides the Run Signal and Fault Signal



Note 1.) The AutoFreq overload is pre-set to a generic motor horsepower full load amp setting. This overload will protect the motor. The control panel motor protector should be set to 1.3 times the motor FLA to protect the AutoFreq VFD.