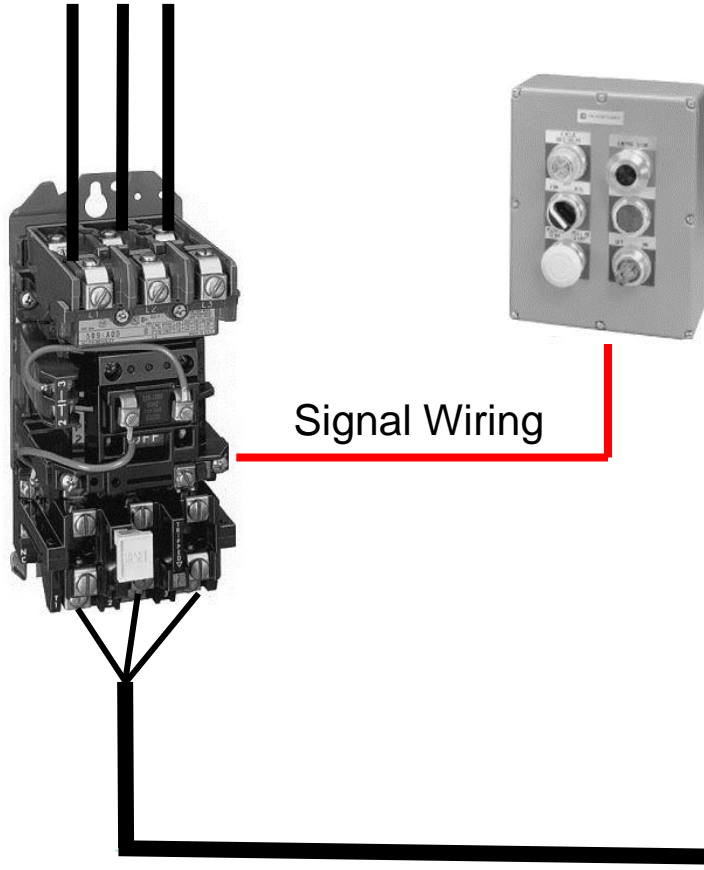


VFD Drive

Integration

Traditional Motor Control

600VAC

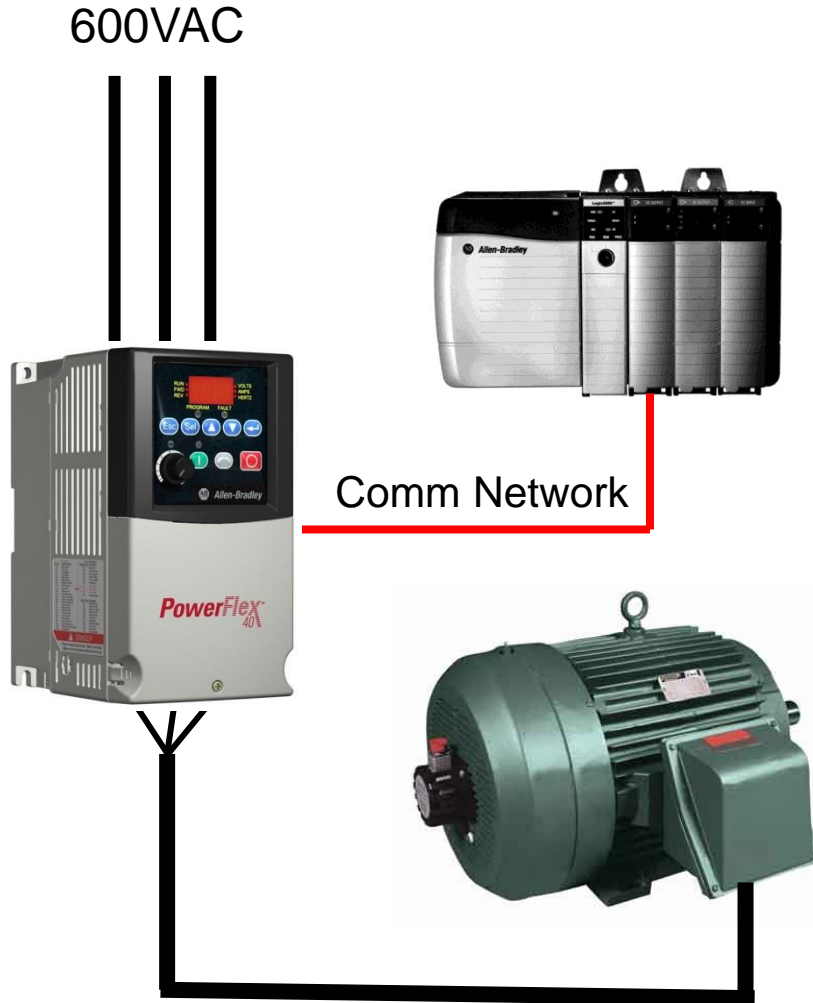


Features

- Forward and Reversing
- Typically only one speed
- Fixed O/L
- Limited Fault Signals
- Limited Status Feedback



VFD Motor Control



Features

- Forward or Reversing Starter
- 0 – 250% speed range
- Pre-set speeds
- All Fault Signals Available
- All Status Signals Available
- Adjustable O/L setting
- Ramp Up / Ramp Down
- Torque or Speed Control
- Encoder feedback
- Digital Inputs / Outputs
- Analog Inputs / Outputs
- HIM Modules
- Various Comm Networks

VFD Motor Control



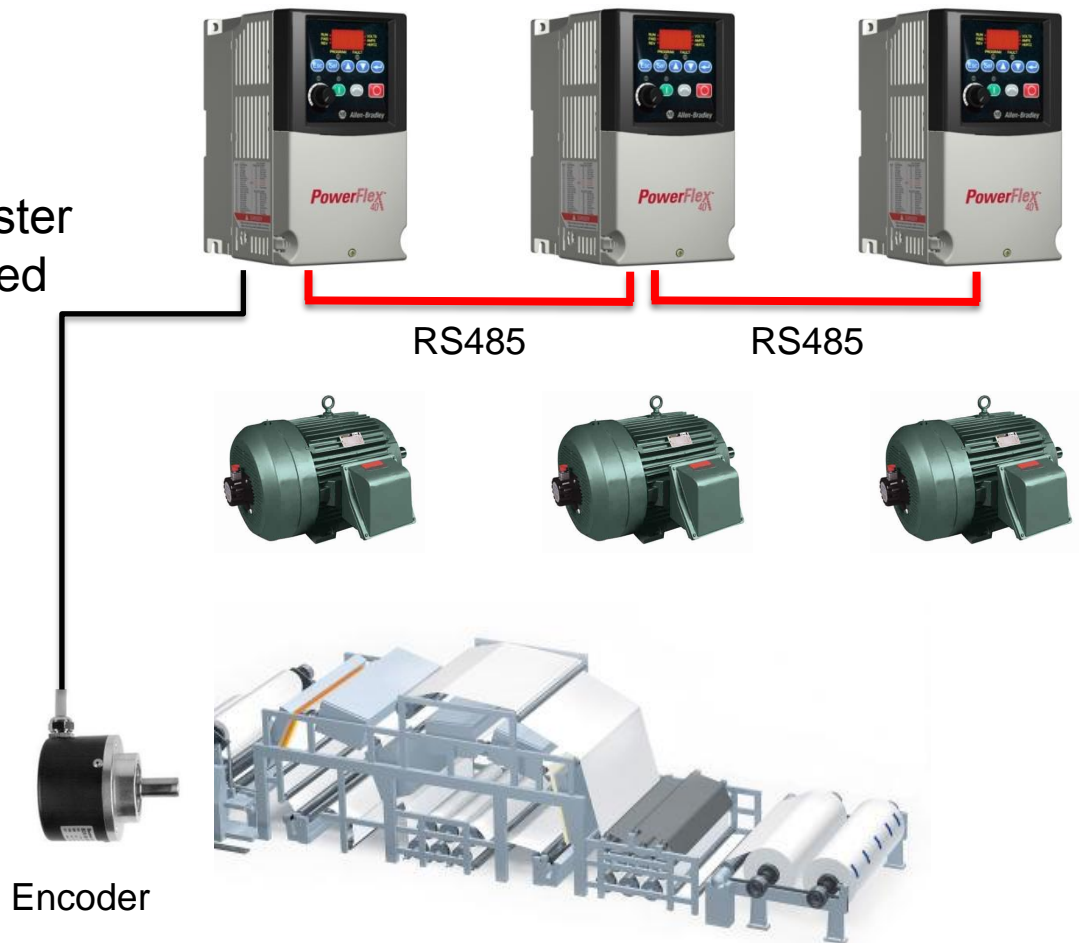
Basic Drive Parameters

- Rated RPM
- Rated Current
- Min / Max Frequency
- Accel / Decel Time
- Stopping Mode
 - Coast to Stop
 - Ramp to Stop
- Speed Select
 - HIM
 - I/O
 - Comm. Network

VFD Motor Control

Master / Slave

- Encoder for feedback
- Slave drives will 'follow' master
- Good for very accurate speed requirements



VFD Motor Control

Trim Adjustment

- Keeps correct tension on paper roll
- Speeds up or slows down the motor

