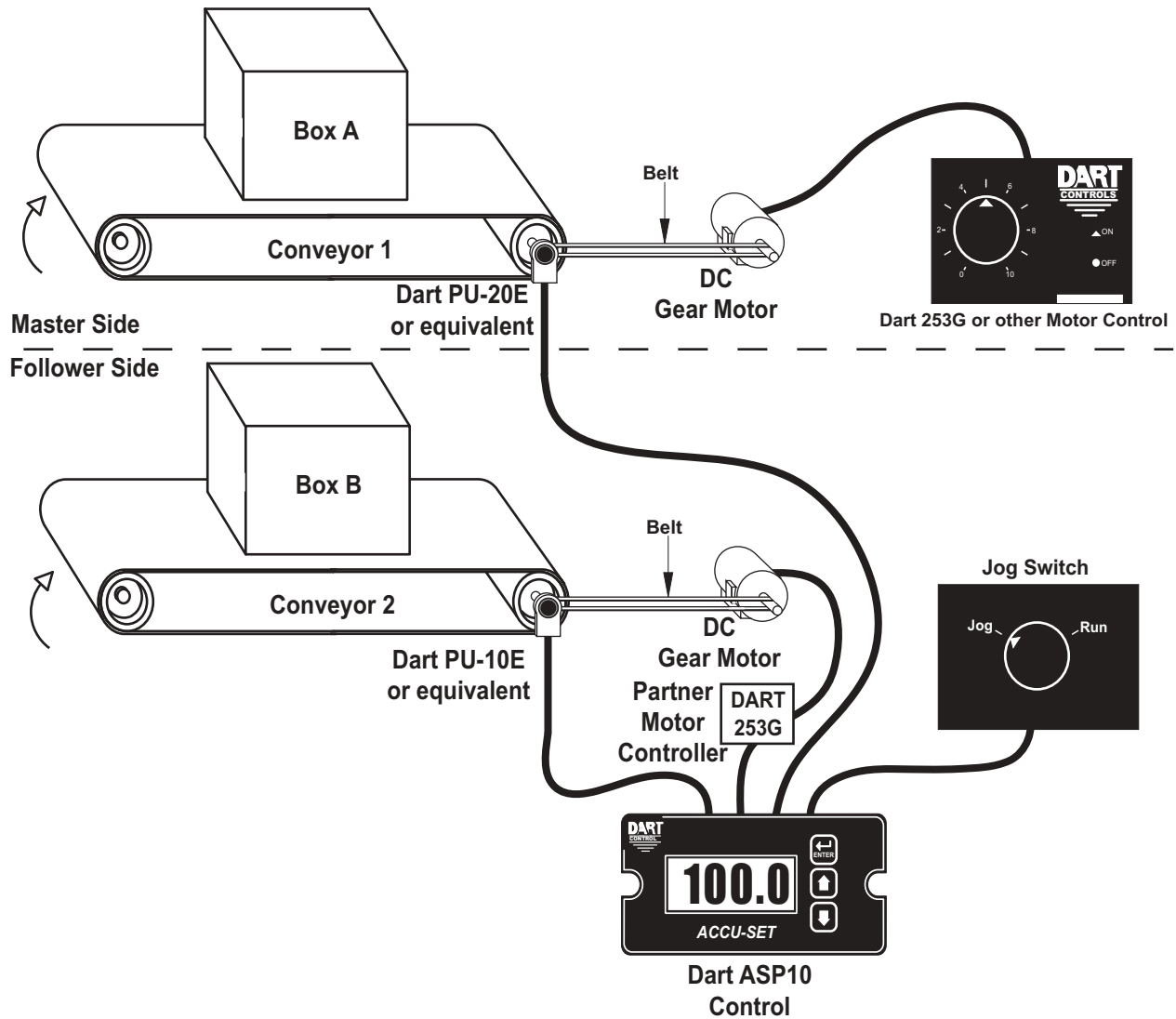


# Synchronized Conveyor Controller with Jog Switch

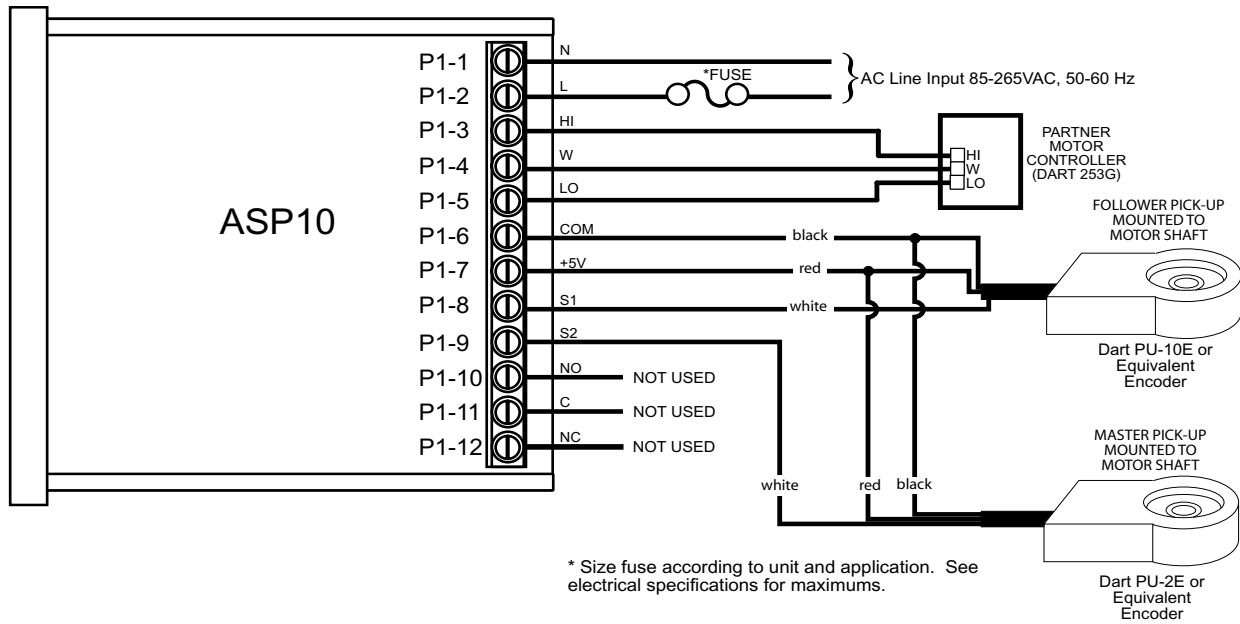
## Description:

A synchronized conveyor system comprised of two conveyors with no mechanical linkage between them. The master conveyor is driven by a basic Dart analog DC motor control. The slave or follower conveyor should follow the master's position with exacting long-term accuracy. The slave conveyor should be able to be jogged into position when the master is stopped at a rate of 350 RPM. The slave conveyor may be adjusted from 90.0% to 110.0% of the master conveyor rate using the user interface.

## Application Diagram:



Wiring Diagram:



Parameter Configuration:

Parameter	Value	Notes
10	3	Follower Mode Setting
13	3	Decimal point position set to XXX.X on display
20	900	Display minimum is 90.0% of master rate
21	1100	Display maximum is 110.0% of master rate
32	5	Pulses per revolution of shaft encoder or pickup is 5 PPR
37	10	Pulses per revolution of shaft encoder or pickup is 10 PPR
40	7	UIN1 configured as jog command when low
41	350	UIN1 jog setpoint is 350 RPM