

Dynamic Braking Resistor Installation Instructions



DANGER!

Hazard of electric shock! Remove input power from the drive and wait three minutes before connecting resistors to the drives DC Bus. DC Bus capacitors retain charge after power is removed. Connections to external resistors must be electrically insulated and mechanically shielded for safety. High Voltage warning signs are also recommended.

Hazard of fire or burn! Dynamic brake resistors have the potential to reach high temperatures. Protection, such as a mechanical housing around the resistor assembly, should be provided by the installer to prevent injury to personnel that may come into proximity to the installation and prevent contact with material that could be combustible due to these temperatures.

When the Dynamic Braking Kit is ordered separately from the drive, the resistor assembly is shipped in the 480 & 590 Vac configuration. For 240 Vac units, the resistor configuration must be modified, as shown below, using the hardware included with the kit.

If the Dynamic Braking option is ordered with the drive, the resistor assembly will be shipped in the proper configuration, and no modification is required.

Resistor Part Number	480 Vac & 590 Vac	240 Vac	Comments
841-001	240Vac ONLY - no modification required		The 841-001 resistor is non-configurable and is pre-wired at the factory. It is for 240Vac applications only. Do not modify its wiring.
841-002 841-003			<ol style="list-style-type: none"> 1. Add jumper between Tab #1 and Tab #3 2. Move the RED wire to Tab #2.
841-004 841-005 841-006			
841-007 841-008 841-009 841-010			<ol style="list-style-type: none"> 1. Connect each Tab #1 together with screw provided (copy the configuration of the #2 tabs) 2. Move the BLUE wire to Tab #2.
841-011 841-012 841-013 841-014 841-015 841-016			
			<p>Note</p> <p>Resistors 841-012 through 841-016 are intended for 480 Vac & 590 Vac applications only</p>