



Controls for Clutches & Brakes

Warner Electric offers a wide variety of clutch/brake controls which perform a broad array of functions ranging from basic starting and stopping to rapid cycling and high accuracy indexing our clutch/brake controls.



On-Off - (Basic Start-Stop)

Many applications are controlled by energizing the clutches and brakes with their rated D.C. voltages. Warner Electric controls are available with various mounting, input voltage and switching options.



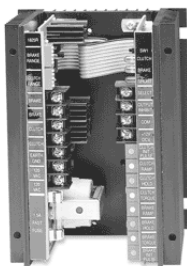
Adjustable Torque - (Soft Start-Stop)

The torque transmitted by a clutch or brake is proportional to the coil current. Warner Electric offers several products that provide torque control for smooth and repeatable starts and stops.



Positioning Control - (Baggage Handling Applications)

Clutch Brake Positioning Controls.



Adjustable Accel-Decel - (Soft start-stop with full torque)

Warner Electric offers a control that allows for adjustment of the acceleration and deceleration time ramps to achieve a repeatable soft start or stop while still allowing for full torque.

Overexcitation - (Rapid cycling)



The clutch/brake speed of response can be increased for improved accuracy and performance through overexcitation, which is the application of a short high voltage pulse to provide nearly instantaneous torque.



Tension Controls -

Products range from simple manually adjustable models through sophisticated closed loop dancer controls and load cell systems.



Wrap Spring Controls