



Smooth-Start™ UniModules & Controls



Specifically designed to provide consistent, smooth starting and stopping

Warner Electric's new Smooth-Start™ UniModules provide long-lasting performance throughout their entire torque range – between zero and maximum rated torque. Smooth-Start UniModules are factory assembled for easy installation, NEMA C-face compatible and automatically adjust for wear. Units are fan cooled, UL, and cUL rated.

Although Smooth-Start UniModules alone provide excellent performance, you may want to use them in conjunction with Warner Electric's CBC-300 clutch/brake control and experience the ultimate in clutch/brake controllability. These units feature two independently adjustable channels, allowing you to set the clutch and brake torque levels separately, and anywhere between zero and maximum rated torque. Once the torque levels are set, the CBC-300's circuitry supplies constant current, regardless of line voltage or operating environment, resulting in consistent torque cycle after cycle.

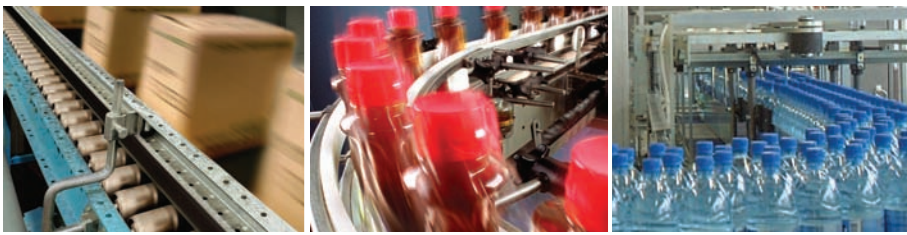
Whether your application's performance requires smoother stops and starts with less torque, or faster stops and starts with maximum torque, Warner Electric has the product for you.

For Technical Assistance Call

800-825-9050

 **Warner**
Electric

An Altra Industrial Motion Company



Smooth-Start™ UniModules

Warner Electric's new Smooth-Start UniModules are offered in 90 volt configurations as listed below. If you require another voltage, size or mounting configuration, please contact Warner Electric for assistance.

UniModule Size	NEMA Frame	Max. RPM	Static Torque (lb-ft)	Voltage (DC)	Part Number
50	56C/48Y	3600	10	90	5370-273-236
100	56C/48Y	3600	18	90	5370-273-237
180	182C/143TC 184C/145TC	3600	18	90	5370-273-238
210	213C/182TC 215C/184TC	3600	57	90	5371-273-103
215	213TC/215TC	3600	57	90	5371-273-080

CBC-300 Dual Channel Torque Adjust Clutch/Brake Control

Conveyor applications occasionally require more clutch torque to start the line, and less brake torque to stop the line. With two independently adjustable channels, Warner Electric's CBC-300 allows you to set the torque levels for the clutch and brake independently of each other, so each can be tailored to every application to achieve optimum system performance.

Part Number	6021-448-001
Input Power	120 VAC +10% -15%, 50/60 Hz, single phase, 215 VA max.
Output	Pulse-width modulated full wave rectified D.C. Constant current, switch selectable ranges, 0-90 volt.
Current Adjust	Dual adjustable channels. Adjust via front panel potentiometers.
Other Features	UL and cUL listed; short circuit protection, line to line; torque limiting protects machine components from damage.


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