

Smooth-Start™ UniModules & Controls



DESIGNED TO PROVIDE CONSISTENT, SMOOTH STARTING & STOPPING

Engineered for applications that require controlled starts and stops, Warner Electric™ Smooth-Start™ UniModules provide softer clutch and brake engagement to help reduce shock loads, product damage, and equipment wear. UniModules deliver long-lasting performance throughout their entire torque range, helping to extend system life.

Smooth-Start UniModules are factory assembled for easy installation, NEMA C-face compatible, and automatically adjust for wear. Units are fan cooled and UL/cUL rated.

ADJUSTABLE CONTROLLER COMPATIBILITY

Whether your application requires smooth, controlled motion or fast, high-torque engagement, Warner Electric offers solutions engineered to meet your application's unique demands. When paired with the CBC-300 control, Smooth-Start UniModule engagement characteristics can be precisely adjusted for maximum line performance. These units feature two independently adjustable channels, allowing you to set desired 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.



Smooth-Start™ UniModules & Controls

SMOOTH-START™ UNIMODULES

Warner Electric™ 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.

Specifications

UniModule Size	NEMA C-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 184TC/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, the CBC-300 allows you to set the torque levels for the clutch and brake independently of each other.

Part Number: 6021-448-009

Input Power: 120 VAC + 10% - 15%, 50/60Hz, single phase, 215 VA max.

Output: Pulse-width modulated full wave rectified DC 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.



WARNER ELECTRIC™

Regal Rexnord

warnerelectric.com | regalrexnord.com

The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>. To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale>

"Regal Rexnord" is not indicative of legal entity. Refer to product purchase documentation for the applicable legal entity.

Regal Rexnord, Smooth-Start, and Warner Electric are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

© 2018, 2026 Regal Rexnord Corporation, All Rights Reserved. MCF-P-1578-WE-EN-US 09/26

RegalRexnord™