

FOR IMMEDIATE RELEASE:

*40Hp Soft Start / Stop  
Motor Controllers*



*April 11, 2007 - Buffalo Grove, IL* - Carlo Gavazzi has recently launched a new line of **RSH Series** soft start / stop motor controllers, available in two sizes with basic rotary or advanced push button controls. Motor control capacity ranges from 1.5HP at 220VAC to 40Hp at 600VAC.

The new Carlo Gavazzi soft start/stop enables the starting and stopping of 3-phase asynchronous motors with a simple three-wire connection to the motor. It also provides improved starting conditions over conventional star-delta starters by suppressing in-rush currents during motor starting. This is done by gradually increasing the torque from a user preset level to a 100 per cent level.

The **RSHR MIDI Series** is the only 45mm wide soft start/stop motor controller on the market that combines the built-in bypassing of semiconductors with low profile external heat sink for optimal performance. The **RSHR MIDI** is the perfect solution for applications demanding a high number of repetitive operations per hour for controlling 3-phase motors up to 18amps. **RSHR MIDI** leads the industry with up to 275 starts per hour. Motor ramp up and down timing and initial torque are set with rotary switches. Power on, ramping and bypass LEDs are standard. Device over temperature protections and end of the ramp auxiliary output are also available as options.

**RSHR** and **RSHP Flexy POWER Series** are 90mm wide soft start/stop motor controllers, which also combine built-in bypass with a small profile heat sink for up to 50 starts per hour. All **POWER** controllers include self temperature protection, phase loss and wrong sequence detection and PTC inputs. End of ramp and alarm output relays are standard on the **RSHP** models and optional on the **RSHR**. Simple rotary potentiometers are used to set ramp up/down timing and initial torque in **RSHR** model. The **RSHP Flexy** takes guesswork out of setup. It comes pre-programmed with ten profiles for various motor load types such as pump, high inertia fan or piston compressor. Ramp up / down times and shapes and initial torque can also be modified to fine tune applications. Power soft starts are can be used to control 3-phase motors up to 45A. These products are UL, cUL & CSA approved.

Typical applications for this kind of soft starter include pumps, compressors, fans, conveyors, grinders, mixers, lathes, circular saws, aerators, granulators, shredders, bucket elevators, palletizers, centrifuges, wire drawing machines, agitators, industrial dryers and washing machines, carousels, bottling machines, blowers, car wash and can-making machines.

[Available in the U.S. from:](#)