



# ARTISAN CONTROLS CORPORATION

***We Control More Than Time !***

111 Canfield Avenue, Bldg B15-18, Randolph, NJ 07869

Tel: (973) 598-9400 Fax: (973) 598-9410 Toll Free: (800) 457-4950

Website: [www.artisancontrols.com](http://www.artisancontrols.com)

Email: [sales@artisancontrols.com](mailto:sales@artisancontrols.com)

## STANDARD TIMERS

Since 1965, Artisan Controls has been an industry leader in the design and manufacture of solid-state timers and custom controllers. All of our products are manufactured in the USA to the highest industry standards. Beginning with our early history of designing military time delay relays, Artisan's product line has expanded to include a rugged and reliable line of products servicing the US and international markets. Artisan was the first company to design timers operating on universal voltages and to have DIP switch adjustable operation. *Millions* of Artisan timers are still in operation today having provided *decades of reliable service* to our customers. **Please visit our website to see all of our standard products plus detailed specifications.**

### Time Capsule®



**Delay-On-Make:** (On-delay, delay-on-operate, delay-on-pickup, delay-on-energize): The timing period starts upon the application of the operating voltage, control voltage, or the closure of a separate initiate switch. After the timing period expires, the load is energized. Delay-on-make models are available in the Time Capsule®, 2" x 2", and plug-in case styles.

**Interval:** The output is energized when the operating voltage is applied, or an initiate switch is closed. The timing period (interval) also begins when the output is energized. At the end of the timing period (interval) the output de-energizes, even though the operating voltage or the initiate switch is still active. Available in the Time Capsule®, 2" x 2", and plug-in case styles.

### 2" x 2" Square



**Delay-On-Break:** (Delay-off, delay-on-release, delay-on-dropout): The output energizes first and remains energized until after the timing period, which does not begin until the loss of the operating voltage, control voltage, or the opening of an separate initiate switch. After the timing period expires, the output is de-energized. Delay-on-Break models are available in the 2" x 2" and plug-in case styles.

**Flasher:** Flashers cycle the output on and off continuously until power is removed. The on and off times are always equal (50% duty cycle), and the timing is specified in flashes per minutes. Available in the Time Capsule®, 2" x 2", and plug-in case styles.

### Plug-In



**Single-Shot:** (Pulse-stretcher): Similar to interval, but requires only a momentary closure of an initiate switch to energize the output and start the timing cycle. Available in the 2" x 2" and plug-in case styles.

**Repeat Cycle Timer:** Similar to Flashers except that the on and off times can be different. These timers turn the load on and off continually until power is removed. An RCT allows for adjusting the energize time (on) and the repeat cycle time (on + off). Changing the on time does not change the overall cycle time. Available in the 2" x 2" and plug-in case styles.

### Panel Mount



**On/Off:** Similar to RCT's except you adjust the on time and the off time, any adjustment changes the total cycle time (on + off). Available in the 2" x 2", plug-in, and panel mount case styles.

**Countdown:** These programmable timers energize their output relay with the press of a single button. The LED display counts down to end of the cycle, then the output relay turns off and the audible alert turns on. Used in many industries to time heating, baking, and frying time cycles, these highly flexible products are available in our panel mount package.



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## CUSTOM CONTROLS

Artisan Controls is also recognized as a leader in designing **custom controllers** as a *standard* part of our business. We have developed thousands of custom products for our customers' specific applications, ranging from Emergency Lighting Systems for Amtrak to sophisticated microcontroller based cooking controllers incorporating the latest technologies. If you can conceive it, Artisan will design and build it for you. Small quantity projects are welcome, and our Engineering Services are FREE!

### Food Service / Commercial Cooking

Artisan has developed numerous controllers for the food service and commercial cooking market. Our controllers incorporate the latest in monochrome and full color LCD displays, touchscreens to eliminate electro-mechanical buttons, multiple recipes with names instead of numbers, and have the ability to measure and control cooking temperature with RTD probes, thermocouples, and thermistors. Multiple relay and solid state outputs are a standard feature, along with multiple temperature probe inputs. Some of our customers include Pepsi/Lipton Partnership, IMI Cornelius, BKI, Blodgett, Nu-Vu, Hobart, KKO, Pitco-Frialator, Waring, Crescent Metal, and ITW.



Cooking Controller w/ LCD Display



Heated Deli Case Controller w/14 Outputs



Rotisserie Cooking Controller



Beverage Dispensing Controller

### Transportation / Rail

Artisan has a long history of designing and manufacturing timers and controllers for the transportation, rail, and off road vehicle market. Some of our transportation customers include GE Locomotive, Wabtec, Bombardier, Alstom, Amtrak, John Deere, Hitachi, Mitsubishi-Caterpillar, Komatsu, BAE Systems, and BT Prime Mover. We make single and multi-function timers, sophisticated controls for lubrication and emergency lighting, all in custom and standard packages.



Trackside Lubrication Controller



Emergency Lighting Controller

### OEM Products

From the large to the small, Artisan has been filling the needs of the Original Equipment Manufacturer for decades. Some of our OEM customers include Eaton, Holophane, Wagner, Swagelock, Otis Elevator, Philips Medical, Carrier, and Motion Industries. Regardless of your industry, Artisan currently manufactures or can design a product which meets or exceeds the needs of your specific application.



Aircraft Light Control



Customized Countdown Timer



High Current Switch



Transfer Switch Control



Time & Speed Motor Control



Programmable Light Lowering Controller