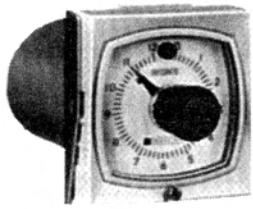


AUTOMATIC RESET INTERVAL/DELAY TIMERS

SERIES GP2 PLUG-IN AUTOMATIC RESET



For use where a fixed or adjustable delay is required between the closing or opening of one circuit and the closing and opening of another. Prices shown are for 120 VAC, 60 Hz; 240 VAC, 60 Hz and 120/240 VAC, 50 Hz units available; prices on request. Synchronous motor driven. For use where a controlled period of time is actuated by an external source. Accuracy of repeated intervals for 5 second unit, .05 second of indicator position. Time cycles of all other units, $\pm 1/2$ second for full scale value. Reset time, less than $1/2$ second for full scale. Two

sets of instantaneous contacts (SPDT and SPNO) switch over at beginning of time cycle and reset when clutch circuit is opened; two sets of delay contacts (SPDT and SPNC) operate at completion of time delay. Instantaneous contacts rated 10A at 120/240 VAC, non-inductive; delay contacts rated 10A at 120 VAC or 5A at 240 VAC, non-inductive. Dial has 60 calibrations through 334 of rotation. Knob adjusts black pointer for time setting; red pointer moves to zero, showing elapsed time, and resets to black pointer position on power removal. Neon lamp indicates power to motor. **Size:** Bezel, $3\frac{27}{32}$ "W \times $4\frac{1}{8}$ "H \times $1\frac{1}{2}$ "L. UL recognized and CSA Certified.

Mfr. No.	Max. Time Cycle	Min. Time Cycle
GP2-5S	5 seconds	$1/16$ second
GP2-15S	15 seconds	$1/2$ second
GP2-30S	30 seconds	1 second
GP2-60S	1 minute	2 seconds
GP2-150S	2.5 minutes	4.5 seconds
GP2-5M	5 minutes	9 seconds
GP2-15M	15 minutes	30 seconds
GP2-30M	30 minutes	1 minute
GP2-60M	1 hour	2 minutes
GP2-150M	2.5 hours	4.5 minutes
GP2-5H	5 hours	9 minutes

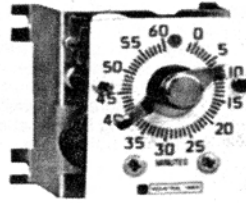
SERIES TD

For use where a fixed or adjustable delay is required between the closing or opening of one circuit and the closing and opening of another. Prices shown are for 120 VAC, 60 Hz; 240 VAC, 60 Hz and 120/240 VAC, 50 Hz units available; prices on request. Case mounts thru $3\frac{3}{16}$ " dia. panel hole; $2\frac{21}{32}$ " deep. Bracket clamps timer to panel. Isolated snap contacts rated 10A. Rear terminals. UL Listed and CSA Certified.



Mfr. No.	Max. Cycle	Dia. Calib., Secs
TD-6S	6	$1/10$
TD-15S	15	$1/4$
TD-30S	30	$1/2$

SERIES SF AND CSF



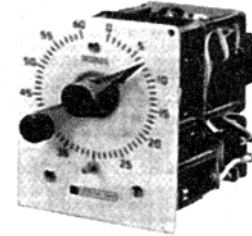
For use where a fixed or adjustable delay is required between the closing or opening of one circuit and the closing and opening of another. Prices shown are for 120 VAC, 60 Hz; 240 VAC, 60 Hz and 120/240 VAC, 50 Hz units available; prices on request. Compact timers for back-of-panel mounting. Snap contacts rated 10A. Size, $2\frac{3}{4}$ " \times $3\frac{1}{16}$ " \times $2\frac{5}{8}$ " D. CSF types have external clutch; $2\frac{29}{32}$ " D. Shpg. Wt., $1\frac{1}{2}$ lbs. UL Listed and CSA Certified.

Mfr. No.	Max. Time Cycle	Min. Time Cycle
SF-6S	6 seconds	$1/10$ second
SF-15S	15 seconds	$1/4$ second
SF-30S	30 seconds	$1/2$ second
CSF-1M	60 seconds	1 second
CSF-3M	3 minutes	3 seconds
CSF-5M	5 minutes	5 seconds
CSF-15M	15 minutes	5 seconds
CSF-30M	30 minutes	15 seconds
CSF-60M	60 minutes	30 seconds

SERIES TDAB AND TDAF WITH EXTERNAL CLUTCH



TDAB



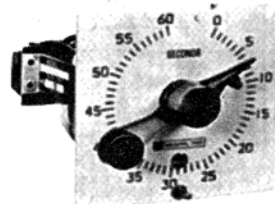
TDAF

For use where a fixed or adjustable delay is required between the closing or opening of one circuit and the closing and opening of another. Prices shown are for 120 VAC, 60 Hz; 240 VAC, 60 Hz and 120/240 VAC, 50 Hz units available; prices on request. **TDAB**—Behind panel mounting with terminal strip at front, SPDT snap-action contacts rated 10A. External clutch for fast reset, less than 0.2 sec. Size, $4\frac{1}{16}$ " \times $3\frac{17}{32}$ " \times $3\frac{15}{32}$ " D. Also available in steel case. Shpg. Wt., 4 lbs. UL Listed and CSA Certified. **TDAF**—Terminal strip at rear. Front panel mounting with 4 holes. Size, $4\frac{1}{2}$ " \times $3\frac{3}{8}$ " \times $3\frac{3}{8}$ " D. Fits $4\frac{1}{16}$ " \times $2\frac{3}{4}$ " panel hole. Shpg. Wt., 4 lbs. CSA Certified.

Mfr. No.	Mfr. No.	Max. Cycle	Dia. Calib., Secs
TDAB-1S	TDAF-1S	1 sec	$1/60$
TDAB-3S	TDAF-3S	3 secs	$1/20$
TDAB-6S	TDAF-6S	6 secs	$1/10$
TDAB-15S	TDAF-15S	15 secs	$1/4$
TDAB-30S	TDAF-30S	30 secs	$1/2$
TDAB-60S	TDAF-60S	60 secs	1
TDAB-3M	TDAF-3M	3 min	3
TDAB-5M	TDAF-5M	5 min	5
TDAB-15M	TDAF-15M	15 min	15
TDAB-30M	TDAF-30M	30 min	30
TDAB-60M	TDAF-60M	60 min	60
TDAB-3H	TDAF-3H	3 hrs	180

SERIES H AND CH

For use where a fixed or adjustable delay is required between the closing or opening of one circuit and the closing and opening of another. Prices shown are for 120 VAC, 60 Hz; 240 VAC, 60 Hz and 120/240 VAC, 50 Hz units available; prices on request. Panel mounting with four screws thru $1/8$ " holes; terminal strip at rear for wiring. SPDT snap contacts rated 10 amps non-inductive. Size, $3\frac{1}{16}$ " \times $3\frac{7}{16}$ " \times $3\frac{1}{16}$ " D. CH has external clutch; $3/4$ " D. Shpg. Wt., $1\frac{1}{2}$ lbs. UL Listed and CSA Certified.



Mfr. No.	Max. Cycle	Dia. Calib., Secs
H-6S	6	$1/10$
H-15S	15	$1/4$
H-30S	30	$1/2$
CH-1M	60	1
CH-3M	180	3
CH-5M	300	5