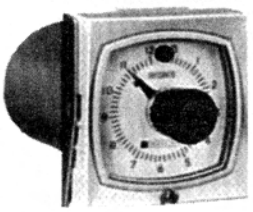
AUTOMATIC RESET INTERVAL/DELAY TIMERS

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, ±½ second for full scale value. Reset time, less than ½ 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, 3²⁷⁄₃₂"W × 4⅛H × 1³⁄₃₂"L. UL recognized and CSA Certified.

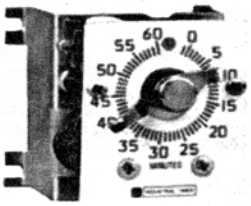
Mfr. No.	Max. Time Cycle	Min.Time Cycle
GP2-5S	5 seconds	1⁄16 second
GP2-15S	15 seconds	½ second
GP2-30S	30 seconds	1 second
GP2-60S	1 minute	2 seconds
GP2-150S	2.5 minutes	4.5 seconds
GP2-5M	5 minutes	9 seconds
GP2-15M	15 minutes	30 seconds
GP2-30M	30 minutes	1 minute
GP2-60M	1 hour	2 minutes
GP2-150M	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 3⅜" dia. panel hole; 2²¹⁄₃₂" 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	¼
TD-30S	30	½

SERIES SF AND CSF

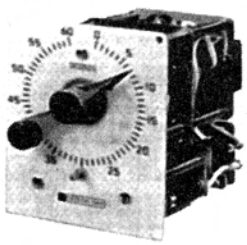


For use where a fixed or adjustable delay is required between the closing or opening of one circuit and the closing and opening of another. Prices shown are for 120 VAC, 60 Hz; 240 VAC, 60 Hz and 120/240 VAC, 50 Hz units available; prices on request. Compact timers for back-of-panel mounting. Snap contacts rated 10A. Size, 2¾" × 3¹⁄₁₆" × 2⅝"D. CSF types have external clutch; 2²⁹⁄₃₂"D. Shpg. Wt., 1½ 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	¼ second
SF-30S	30 seconds	½ 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



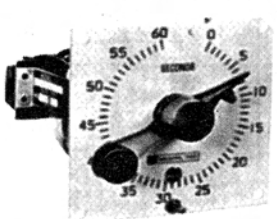
TDAF

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, 4⁹⁄₁₆" × 3¹⁷⁄₃₂" × 3¹⁵⁄₃₂"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, 4½" × 3⅝" × 3⅜" D. Fits 4⁵⁄₁₆" × 2¾" 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	¼
TDAB-30S	**TDAF-30S**	30 secs	½
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 ⅛" holes; terminal strip at rear for wiring. SPDT snap contacts rated 10 amps non-inductive. Size, 3⁹⁄₁₆" × 3⁷⁄₁₆" × 3¹⁄₁₆" D. CH has external clutch; 3¼" D. Shpg. Wt., 1½ lbs. UL Listed and CSA Certified.



Mfr. No.	Max. Cycle	Dia. Calib., Secs
H-6S	6	1/10
H-15S	15	¼
H-30S	30	½
CH-1M	60	1
CH-3M	180	3
CH-5M	300	5

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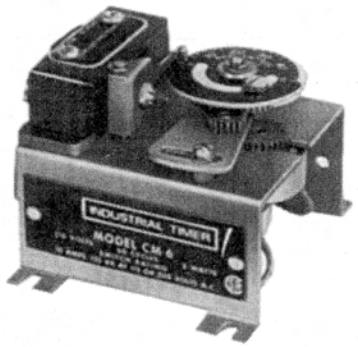
SYNCHRONOUS, MOTOR-DRIVEN CAM TIMERS

Motor: Heavy-duty synchronous type, UL and CSA Approved. Available in 13 standard speeds. For short time cycles, higher torque motor is used. Built and guaranteed for long, trouble-free performance. **Switch:** SPDT snap-action, totally enclosed UL and CSA Approved. Mounted on individual brackets for removal of each switch without disassembly of switch bank. Rated 10 amps AC, non-inductive. **Electrical**: Supplied for 115 or 220 VAC operation on 25, 50, 60 or 400 Hz; also 6, 12, 24 or 30 VDC. **Gear Rack Assembly:** Stock selection of 50 standard ratio gear and rack assemblies. Easily changeable by removing 5-40 screw, setting rack into recess, and retightening the screw. **Individual Cam Adjustment:** On-Off periods adjustable 2% to 98% of total time cycle on all but RA Series. Nut on face plate is loosened, cam is rotated to percentage desired, and nut tightened. Cams are made of corrosion-resistant aluminum. **Timing Sequence:** On MC and RC Series, each cam is individually mounted on the shaft with heavy-duty friction disc for easy finger adjustment of timing sequence. Permits rapid cam positioning without use of set screws or wrenches. Drum, calibrated 0% to 100%, is mounted on each cam; mounted pointer acts as guide to set related programmed sequences. **Ordering Information:** When ordering, specify: 1—voltage and frequency of motor current; 2—number of switches desired; 3—time cycle selected from chart below (e.g., MC-4 timer with C-12 gear rack).

SERIES CM RECYCLING TIMER

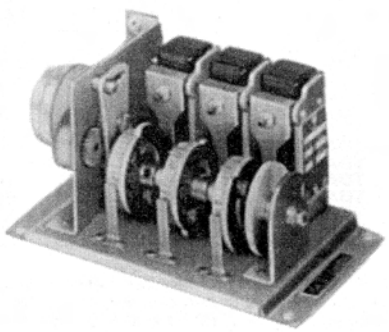


Repeats a continuous, adjustable On-Off electrical cycle. Consists of heavy-duty synchronous motor, adjustable cam and SPDT switch on base-mount chassis. Cam coupled to motor by simple gear and rack assembly, easily changeable. Cam adjustable 2% to 98% of total time cycle; calibrated in percentage for quick accuracy. Choice of 50 stock gear and rack assemblies, 40 cycles (⅔ sec) to 1 revolution in 72 hours.

Mfr. No.	Time Cycle	Mfr. No.	Time Cycle
CM-0	1 sec.	CM-7	15 min.
CM-1	6 sec.	CM-8	30 min.
CM-2	15 sec.	CM-9	60 min.
CM-3	30 sec.	CM-10	3 hr.
CM-4	60 sec.	CM-11	5 hr.
CM-5	3 min.	CM-12	12 hr.
CM-6	5 min.		

Note: Time cycles shown are with the C-12 (1:1 ratio) gear rack. For other speeds, contact distributor. Gear rack for CM Timer available.

SERIES MC MULTI-CAM RECYCLING TIMER

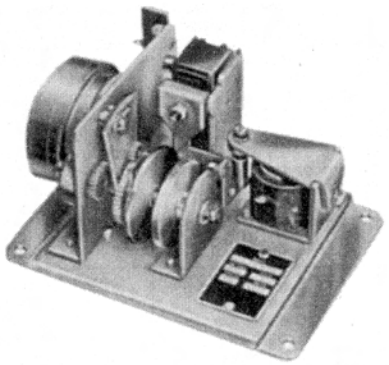


Identical in operation to Series CM, but controls from 2 to 20 circuits. Cams are mounted on single driving shaft, coupled to motor by gear and rack assembly. Cams independently adjustable 2% to 98% of total time cycle. Individual cam adjustment permits use as a programming device; adjustable in any combination of timed sequences. Total revolution time determined by motor speed and interchangeable gear and rack assemblies. Model MC-0 an 8.5-watt motor is standard.

Mfr. No.	Mfr. No.	Mfr. No.
MC-2SW	MC-9SW	MC-16SW
MC-3SW	MC-10SW	MC-17SW
MC-4SW	MC-11SW	MC-18SW
MC-5SW	MC-12SW	MC-19SW
MC-6SW	MC-13SW	MC-20SW
MC-7SW	MC-14SW	
MC-8SW	MC-15SW	

Note: Gear rack and high torque motor for MC Timer available.

SERIES RA SINGLE-CYCLE TIMER

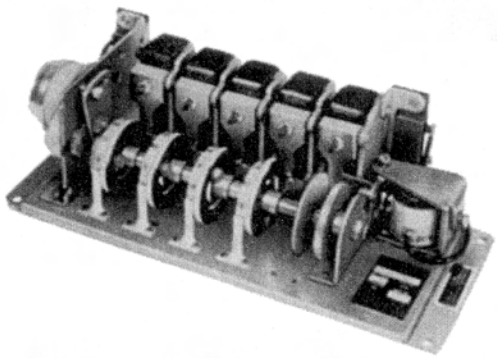


Provides single, timed electrical cycle on momentary actuation from a remote position. Circular plate cam is notched at one point on the circumference, with a small plate (or pawl) at this location. The plate is contoured to the periphery of the cam and pressed against the cam face by a spring and stud. On actuation, the relay mechanically disengages a lever from the cam notch and starts the motor. During cam revolution, the relay lever rides on the circumference of the cam. At the end of the revolution, the pawl guides the lever into the notch, stopping the motor after completing one revolution. The single switch handles the timer motor and the external load circuits, limited only by switch rating.

Mfr. No.	Time Cycle	Mfr. No.	Time Cycle
RA-0	1 sec.	RA-7	15 min.
RA-1	6 sec.	RA-8	30 min.
RA-2	15 sec.	RA-9	60 min.
RA-3	30 sec.	RA-10	3 hr.
RA-4	60 sec.	RA-11	5 hr.
RA-5	3 min.	RA-12	12 hr.
RA-6	5 min.		

Note: Time cycles shown are with the C-12 (1:1 ratio) gear rack. For other speeds, contact distributor. Gear rack for RA Timer available.

SERIES RC SINGLE-CYCLE, MULTI-CAM TIMER



Identical to Series RA, but operates from 1 to 20 additional circuits. Permits the user to have all the advantages of Series MC, plus the single-cycle homing control of Series RA. Model RC-0, an 8.5-watt motor, is standard.

Mfr. No.	Mfr. No.	Mfr. No.
1 SW	8 SW	15 SW
2 SW	9 SW	16 SW
3 SW	10 SW	17 SW
4 SW	11 SW	18 SW
5 SW	12 SW	19 SW
6 SW	13 SW	20 SW
7 SW	14 SW	

Note: Gear rack and high torque motor for RC Timer available.

MODEL DESIGNATIONS RELATE TO MOTOR SPEED ONLY.

Model	CM-0, MC-0 RA-0, RC-0	CM-1, MC-1 RA-1, RC-1	CM-2, MC-2 RA-2, RC-2	CM-3, MC-3 RA-3, RC-3	CM-4, MC-4 RA-4, RC-4	CM-5, MC-5 RA-5, RC-5	CM-6, MC-6 RA-6, RC-6	CM-7, MC-7 RA-7, RC-7	CM-8, MC-8 RA-8, RC-8	CM-9, MC-9 RA-9, RC-9	CM-10, MC-10 RA-10, RC-10	CM-11, MC-11 RA-11, RC-11	CM-12, MC-12 RA-12, RC-12	Model
Gear Rack	SEE PARA. 3													Gear Rack
E-12	40c	4 sec	10 sec	20s	40s	2m	3m20s	10m	20m	40m	2h	3h20m	8h	E-12
E-14	46.7c	4.67s	11.67s	23.33s	46.67s	2m20s	3m53s	11m40s	23m20s	46m40s	2h20m	3h53m	9h20m	E-14
D-12	48c	4.8s	12s	24s	48s	2m24s	4m	12m	24m	48m	2h24m	4h	9h36m	D-12
E-15	50c	5 sec	12.5s	25s	50s	2m30s	4m10s	12m30s	25m	50m	2h30m	4h10m	10h	E-15
E-16	53.3c	5.33s	13.33s	26.67s	53.3s	2m40s	4m27s	13m20s	26m40s	53m20s	2h40m	4h27m	10h40m	E-16
D-14	56c	5.6s	14s	28s	56s	2m48s	4m40s	14m	28m	56m	2h48m	4h40m	11h12m	D-14
C-12	1 sec	6 sec	15s	30s	60s	3m	5m	15m	30m	60m	3h	5h	12h	C-12
D-16	64c	6.4s	16s	32s	64s	3m12s	5m20s	16m	32m	64m	3h12m	5h20m	12h48m	D-16
E-20	66.7c	6.67s	16.67s	33.33s	66.67s	3m20s	5m33s	16m40s	33m20s	66m40s	3h20m	5h33m	13h20m	E-20
C-14	70c	7s	17.5s	35s	70s	3m30s	5m50s	17m30s	35m	70m	3h30m	5h50m	14h	C-14
D-18	72c	7.2s	18s	36s	72s	3m36s	6m	18m	36m	72m	3h36m	6h	14h24m	D-18
E-22	73.3c	7.33s	18.33s	36.67s	73.33s	3m40s	6m7s	18m20s	36m40s	73m20s	3h40m	6h7m	14h40m	E-22
C-15	75c	7.5s	18.75s	37.5s	75s	3m45s	6m15s	18m45s	37m30s	75m	3h45m	6h15m	15h	C-15
B-12	80c	8 sec	20s	40s	80s	4m	6m40s	20m	40m	80m	4h	6h40m	16h	B-12
E-26	86.7c	8.67s	21.67s	43.33s	86.67s	4m20s	7m13s	21m40s	43m20s	86m40s	4h20m	7h13m	17h20m	E-26
D-22	88c	8.8s	22s	44s	88s	4m24s	7m20s	22m	44m	88m	4h24m	7h20m	17h36m	D-22
C-18	90c	9 sec	22.5s	45s	90s	4m30s	7m30s	22m30s	45m	90m	4h30m	7h30m	18h	C-18
B-14	93.3c	9.33s	23.33s	46.67s	93.33s	4m40s	7m47s	23m20s	46m40s	93m20s	4h40m	7h47m	18h40m	B-14
D-24	96c	9.6s	24s	48s	96s	4m48s	8m	24m	48m	96m	4h48m	8h	19h12m	D-24
B-15	100c	10 sec	25s	50s	100s	5m	8m20s	25m	50m	100m	5h	8h20m	20h	B-15
D-26	104c	10.4s	26s	52s	104s	5m12s	8m40s	26m	52m	104m	5h12m	8h40m	20h48m	D-26
B-16	106.7c	10.67s	26.67s	53.33s	106.7s	5m20s	8m54s	26m40s	53m20s	106m40s	5h20m	8h54m	21h20m	B-16
C-22	110c	11 sec	27.5s	55s	110s	5m30s	9m10s	27m30s	55m	110m	5h30m	9h10m	22h	C-22
D-28	112c	11.2s	28s	56s	112s	5m36s	9m20s	28m	56m	112m	5h36m	9h20m	22h24m	D-28
E-34	113.3c	11.33s	28.33s	56.67s	113.3s	5m40s	9m27s	28m20s	56m40s	113m20s	5h40m	9h27m	22h40m	E-34
A-12	2 sec	12 sec	30s	60s	2m	6m	10m	30m	60m	2h	6h	10h	24h	A-12
D-32	2s8c	12.78s	32s	64s	128s	6m24s	10m40s	32m	64m	2h8m	6h24m	10h40m	25h36m	D-32
C-26	2s10c	13 sec	32.5s	65s	130s	6m30s	10m50s	32m30s	65m	2h10m	6h30m	10h50m	26h	C-26
B-20	2s12c	13.2s	33.33s	66.67s	133.3s	6m40s	11m7s	33m20s	66m40s	2h13m	6h40m	11h7m	26h40m	B-20
D-34	2s16c	13.56s	34s	68s	136c	6m48s	11m20s	34m	68m	2h16m	6h48m	11h20m	27h12m	D-34
A-14	2s20c	14 sec	35s	70s	140s	7m	11m40s	35m	70m	2h20m	7h	11h40m	28h	A-14
D-36	2s24c	14.4s	36s	72s	144s	7m12s	12m	36m	72m	2h24m	7h12m	12h	28h48m	D-36
B-22	2s27c	14.7s	36.67s	73.33s	146.7s	7m20s	12m13s	36m40s	73m20s	2h27m	7h20m	12h13m	29h20m	B-22
A-15	2s30c	15 sec	37.5s	75s	150s	7m30s	12m30s	37m30s	75m	2h30m	7h30m	12h30m	30h	A-15
A-16	2s40c	16 sec	40s	80s	160s	8m	13m20s	40m	80m	2h40m	8h	13h20m	32h	A-16
C-34	2s50c	17 sec	42.5s	85s	170s	8m30s	14m10s	42m30s	85m	2h50m	8h30m	14h10m	34h	C-34
B-26	2s52c	17.2s	43.33s	86.67s	173.3s	8m40s	14m27s	43m20s	86m40s	2h53m	8h40m	14h27m	34h40m	B-26
A-18	3 sec	18 sec	45s	90s	3m	9m	15m	45m	90m	3h	9h	15h	36h	A-18
B-28	3s7c	18.7s	46.67s	93.33s	186.7s	9m20s	15m33s	46m40s	93m20s	3h7m	9h20m	15h33m	37h20m	B-28
A-20	3s20c	20 sec	50s	100s	200s	10m	16m40s	50m	100m	3h20m	10h	16h40m	40h	A-20
B-32	3s33c	21.3s	53.33s	106.7s	213.4s	10m40s	17m47s	53m20s	106m40s	3h33m	10h40m	17h47m	42h40m	B-32
A-22	3s40c	22 sec	55s	110s	220s	11m	18m20s	55m	110m	3h40m	11h	18h20m	44h	A-22
B-34	3s47c	22.7s	56.67s	113.3s	226.7s	11m20s	18m53s	56m40s	113m20s	3h47m	11h20m	18h53m	45h20m	B-34
A-24	4 sec	24 sec	60s	2m	4m	12m	20m	60m	2h	4h	12h	20h	48h	A-24
A-26	4s20c	26 sec	65s	130s	260s	13m	21m40s	65m	2h10m	4h20m	13h	21h40m	52h	A-26
A-28	4s40c	28 sec	70s	140s	280s	14m	23m20s	70m	2h20m	4h40m	14h	23h20m	56h	A-28
A-30	5 sec	30 sec	75s	150s	5m	15m	25m	75m	2h30m	5h	15h	25h	60h	A-30
A-32	5s20c	32 sec	80s	160s	320s	16m	26m40s	80m	2h40m	5h20m	16h	26h40m	64h	A-32
A-34	5s40c	34 sec	85s	170s	340s	17m	28m20s	85m	2h50m	5h40m	17h	28h20m	68h	A-34
A-36	6 sec	36 sec	90s	3m	6m	18m	30m	90m	3h	6h	18h	30h	72h	A-36

c - CYCLES s - SECONDS m - MINUTES h - HOURS

1. MODEL SELECTION

SELECT basic type of timer required for your application, i.e., MC (recycling), RC (single), etc.

LOCATE overall time cycle required for one revolution of camshaft on the gear rack chart.

NOTE the model designated from the top of that column, i.e., MC-2, RC-4, etc.

CROSS column from time cycle for gear rack.

SPECIFY required number of load switches.

SPECIFY voltage and frequency.

2. ORDERING INFORMATION

MC 2 A-12 5SW 120/60

BASIC TYPE
TIME RANGE
GEAR RACK (Specific time cycle)
NUMBER OF LOAD SWITCHES
VOLTAGE AND FREQUENCY

3.

Because of the increased torque encountered with multi-switch cam timers in the rapid time cycles, the Series MC-0 and RC-0 timers require High Torque Motors (HTM). This is also true of some MC-1 and RC-1 timers. (See vertical shaded area of chart.) To determine the need of a HTM in the Series MC-1 and RC-1, multiply required time cycle in seconds by ⅔. The answer will be the maximum number of switches that can be operated with a standard timing motor; e.g. time cycle 15 seconds, ⅔ × 15S = 10. 10 switches can be operated at 15 seconds with a standard timing motor, more than 10 load switches will require the use of a HTM. If there is any doubt relative to the use of a HTM, Note that the C-12 Gear Rack (horizontal shaded area of chart) provides a cam rotation speed directly proportional to the motor output; e.g. MC-6 = 1 revolution in 5 minutes. Also, the letter C which signifies CYCLES = 1/60th of a second.

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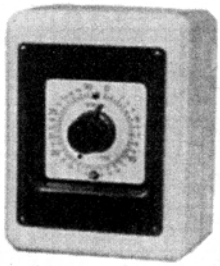
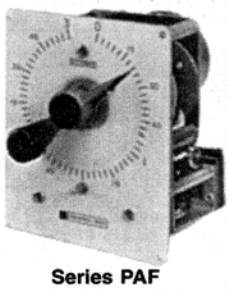
AUTOMATIC RESET INTERVAL TIMERS

SERIES PAB/PAF INTERVAL TIMERS



Series PAB



Series PAF

Dependable timers with positive time cycle adjustments. Energized by momentary contact to close a load circuit for pre-set interval, with automatic reset at end of time cycle. Heavy-duty synchronous motors operate on 120 VAC, 60 Hz. Hard wired, internal holding circuit allows the use of a momentary start button and emergency switch (if desired). Single pole. Double throw load switch. PAB model is in housing for surface mounting; PAF model is for panel mounting. Both are designed for high repetitive accuracy, fast reset and heavy usage. Applications include oven controls and automatic machinery. On PAB models, two ½″ knockouts provide access to terminal strip. Wt., 6 lbs. PAB units are CSA Certified.

Reset Time: 0.5 seconds max. at full setting
Accuracy: ±0.25% (with motor running continuously)
Wiring: Screw type terminal block
Load Switch Contacts: Isolated SPDT switch rated at 15A at 120V with non-inductive load

Mfr. No.	Mfr. No.*	Max. Time Cycle	Dial Calibration
PAB-1S	PAF-1S	1 second	1/60 second
PAB-3S	PAF-3S	3 seconds	1/20 second
PAB-6S	PAF-6S	6 seconds	1/10 second
PAB-15S	PAF-15S	15 seconds	1/4 second
PAB-30S	PAF-30S	30 seconds	1/2 second
PAB-60S	PAF-60S	60 seconds	1 second
PAB-3M	PAF-3M	3 minutes	3 seconds
PAB-5M	PAF-5M	5 minutes	5 seconds
PAB-15M	PAF-15M	15 minutes	15 seconds
PAB-30M	PAF-30M	30 minutes	30 seconds
PAB-60M	PAF-60M	60 minutes	60 seconds
PAB-3H	PAF-3H	3 hours	3 minutes

* Nonstock item.

SERIES P REMOTE STARTING TIMERS

Series P

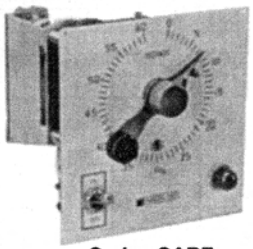
Dependable timers with positive time cycle adjustments. Energized by momentary contact to close a load circuit for pre-set interval, with automatic reset at end of time cycle. Heavy-duty synchronous motors operate on 120 VAC, 60 Hz. Multi-purpose timers with line cord, built-in start button, and two receptacles for load and remote control circuits. Size, 5″ × 5″ × 3 9/16″. Shipping Weight, 3 lbs. CSA Certified.

Rest Time: 0.5 seconds max. at full setting
Accuracy: ±0.25% of full scale (with motor running continuously)
Load Switch Contacts: Isolated SPDT switched rated 15A at 120V with non-inductive load.
Wiring: Standard 3-wire plugs and receptacles
Voltage: 120 VAC at 60 Hz.

Mfr. No.	Max. Time Cycle	Dial Calibration
P-6S	6 seconds	1/10 second
P-4R	15 seconds	1/4 second
P-2R	30 seconds	1/2 second
P-1M	60 seconds	1 second
P-3M	3 minutes	3 seconds
P-5M	5 minutes	5 seconds

SERIES SAR/SARF SIGNALLING INTERVAL TIMERS

Series SAR



Series SARF

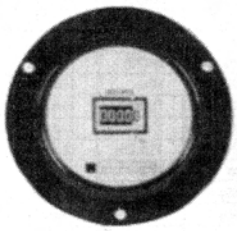
Dependable timers with positive time cycle adjustments. Energized by momentary contact to close a load circuit for pre-set interval, with automatic reset at end of time cycle. Heavy-duty synchronous motors operate on 120 VAC, 60 Hz. For applications requiring high/repeat accuracy with an audible signal at the end of timing. Useful for plating systems, tumbling equipment and for fast food cooking equipment. SAR model is housed in a sturdy metal case for surface mounting and portability; SARF model is designed for panel mounting. Wt., 3 lbs.

Reset Time: 0.5 seconds max. at full setting
Accuracy: ±5% of full scale
Wiring: SAR — standard 3-wire power plug and load receptacles
SARF—screw type terminal
Load Switch Contacts: 120 VAC at 60 Hz SPDT rated at 10A non-inductive

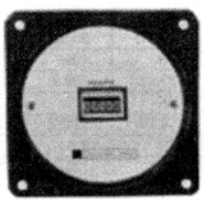
Mfr. No.	Mfr. No.*	Max. Time Cycle	Dial Calibration
SAR-1M	SARF-1M	1 minute	1 second
SAR-5M	SARF-5M	5 minutes	5 seconds
SAR-15M	SARF-15M	15 minutes	15 seconds
SAR-30M	SARF-30M	30 minutes	30 seconds
SAR-1H	SARF-1H	1 hour	1 minute
SAR-3H	SARF-3H	3 hours	3 minutes

* Nonstock item.

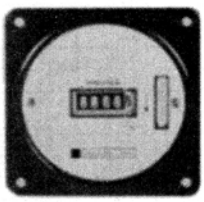
ELAPSED TIME METERS



C-2



C-25



C-5

For exact record of machine hours on AC appliances and industrial machines. Synchronous heavy duty self-lubricating motors connected by gears to five-digit counters. Choice of six styles with non-reset or reset mechanism, enclosed or in open mounting. For 115 VAC, 60 Hz. **Series C-2** is enclosed non-reset type in 3½″ Bakelite meter case; mounts in 2⅞″ dia. hole. **Series C-25** is same as C-2, but in square case; mounts in 2⅞″ dia. hole; flange 3¼″ sq. **Series C-5** is same as C-25. CSA Certified.

Mfr. Prefix	Description
C-2	Non-reset panel-mount
C-25	Non-reset square case
C-5	Reset type square case

To order, add suffix from table below to indicate range and calibration.
Note: C2, C2A, C2D, C25, C25A and C5 are standard models.

RANGE SUFFIXES

Suffix	Range	Calibration
None	10,000 hours	1/10 hour
A	100,000 hours	1 hour
D	10,000 minutes	1/10 minute
F	100,000 minutes	1 minute
G	10,000 seconds	1/10 second
H	100,000 seconds	1 second