

24 HOUR TIMESWITCHES

Series 100 • 40 Amp Timeswitches



General Description

Heavy duty 40 amp synchronous timeswitches providing 8 on/off operations per day via set screw trippers with a minimum event time of 60 minutes.

Features

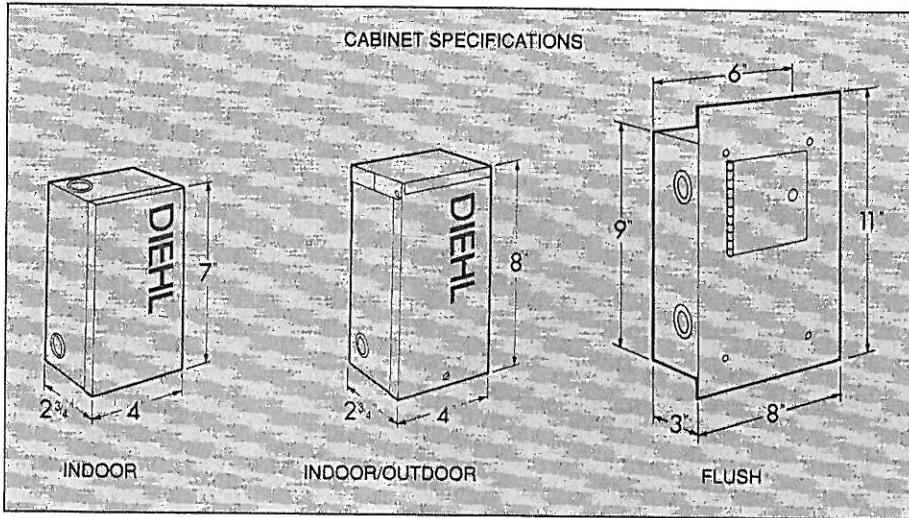
- Closed frame, heavy duty synchronous timing motor
- Up to 8 on/off operations daily (60 minute minimum between operations)
- Exclusive 60-minute time-set knob and dial allows for rapid, accurate settings to the minute
- Corrosion resistant materials
- Skip-a-day feature available
- Fireman switch available
- Counter spring switching mechanism
- One-way clutch is an integral part of the gear train
- Single lever manual override

- Motor rotation indicator — shows when the timing motor is running
- 20 gauge triple enameled steel cabinet
- Designed to accommodate padlock use
- Combination 1/2" and 3/4" knockout in the top of the indoor cabinet (NEMA 1)
- Large brass terminals with pressure connectors

Applications

Popular applications include: indoor and outdoor lighting, signs, pool heaters, filters, pumps, fans, air conditioning, conveyors, blowers, and electrical fences.

Series 100 • 40 Amp Timers



Technical Data

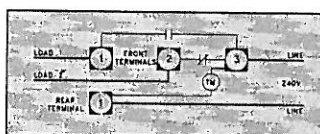
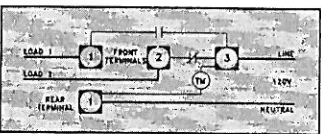
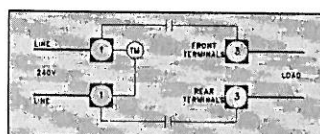
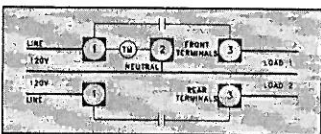
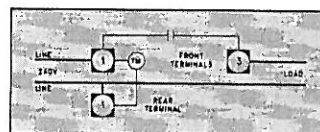
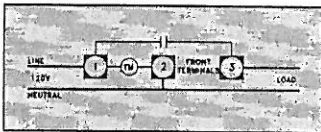
- Rated voltage 120VAC, 240VAC
- Synchronous motor rated frequency 60Hz.
- Rated 2HP at 120VAC, 5 HP at 240VAC
- Rated Power 3 W
- SPST, SPDT, DPST, switch configurations available
- Flexible skip-a-day feature
ON omitting device
OFF omitting device
- Operating temperature range: -40° F to 150° F
- UL & CSA approved

SERIES 100 - 24 HOUR TIME CONTROLS

Indoor Surface	Outdoor Surface	Indoor Flush	Mech. Only	Switch	Volts	Hertz	Amps	Omitting Device
101-A	101-R	101-F	101-M*	SPST	120	60	40	None
102-A*	102-R	102-F	102-M*	SPST	240	60	40	None
103-A	103-R	103-F	103-M*	DPST	120	60	40	None
104-A	104-R	104-F	104-M*	DPST	240	60	40	None
105-A	105-R	105-F	105-M*	SPDT	120	60	40	None
106-A*	106-R	106-F	106-M*	SPDT	240	60	40	None
101S-A	101S-R	101S-F	101S-M*	SPST	120	60	40	ON
102S-A*	102S-R	102S-F	102S-M*	SPST	240	60	40	ON
103S-A	103S-R	103S-F	103S-M*	DPST	120	60	40	ON
104S-A	104S-R	104S-F	104S-M*	DPST	240	60	40	ON
105S-A	105S-R	105S-F	105S-M*	SPDT	120	60	40	ON
106S-A*	106S-R	106S-F	106S-M*	SPDT	240	60	40	ON
103G-A	103G-R	103G-F	103G-M*	DPST	120	60	40	OFF
104G-A	104G-R	104G-F	104G-M*	DPST	240	60	40	OFF

* UL recognized

WIRING DIAGRAMS



IT'S ABOUT TIME
DIEHL USA
QUALITY TIME CONTROLS

Borg General Controls LLC
1386 Jarvis Ave
Elk Grove Village
ILL 60007