



7-Day Dial With & Without Carryover

These time switches provide a different “ON/OFF” program each day of the week. They also provide for 4 pole single throw and 4 pole (2NO/2NC) switching. This series provides true 7-day load control with minimum ON and minimum OFF times of 3-1/2 hours. The “BC” models with carryover provide a carryover of 16 hours minimum to maintain accurate load control even during power failure. When power resumes, the carryover automatically rewinds itself. Only 1 hour is required to rewind the carryover for each 2 hours of outage.

Applications

- Heating
- Air Conditioning
- Pumps
- Indoor Lighting
- Outdoor Lighting
- Motors
- Signs
- Billboards
- Ventilating Systems
- Fans
- Filters
- 3 Phase Loads

Specifications

Case – Steel in gray finish 12-1/2" (31.7 cm) high, 8-1/4" (21.0 cm) wide, 4" (10.2 cm) deep. Indoor type with toggle action drawbolt and locking feature. Four mounting holes on back. Separate grounding terminal.

Knockouts – Combination 1/2"-3/4" nominal knockouts, two on back, one on each side and two on bottom. Also one 1" nominal on bottom center.

Optional Enclosures – See Time Switch Cases for optional enclosures.

Special Voltages and Cycles – See Time Switch Motors for available motors. Contact factory for availability of time switch with 50 cycle or other voltages.

Switch Rating – Each Pole 40 amp resistive, 120-480 VAC; 40 amp tungsten, inductive or 1000 VA pilot duty, 120-277 VAC; 2 HP (24 FLA) 120 VAC; 5 HP (28 FLA) 240 VAC single phase; 7-1/2 HP (28 FLA) 208 VAC three phase; 10 HP (28 FLA) 240 VAC three phase.

Carryover – Minimum time - mechanical operation: 16 hours. Carryover accuracy +/-2%.



C22.2-177
LR3730
UL917



Models
without
carryover
8 lbs
3.6 kg



Models
with
carryover
9 lbs
4.1 kg



-40°F
(-40°C)
to
130°F
(54°C)

Model I#	Model # Steel NEMA 3R Case	Model with CarryOver	Switch	Clock Motor Volts 60 Hz	Amps (per pole)
T7401B	T7401BR	T7401BC	4PST	125	40
T7402B		T7402BC	4PST	208-277	40
T7801B		T7801BC	2NO/2NC	125	40
T7802B			2NO/2NC	208-277	40

* All models (B or BC suffix) have separate clock motor terminals for switching circuits not on line voltage. For additional trippers (7 ON / 7 OFF per pack), order No. 156T2548A.