

T170, T1400, and T1800 Series

24-Hour with Skip-a-Day

Similar to the T100 Series, these time switches can also handle electrical loads up to 40 A per pole. The T170 Series time switches allow for up to 10 ON/OFF settings per day, but give you the additional capability of skipping days in which the loads may not be needed. Each time switch will come with one set of ON/OFF trippers as well as three skipper screws to omit the schedule for at least three days.

Applications

- For commercial, industrial and residential applications
- Indoor/Outdoor lighting • Signs • Filters • Electric fences • Fans
- Conveyers • Pool heaters • Blowers • Pumps
- Various other electrical loads

Features

- Controls loads up to 40 A per pole
- Direct 24-Hour control of most loads
- Up to 10 ON/OFF operations each day
- Minimum ON/OFF times of one hour
- Manual override
- One ON and one OFF tripper and three day-skipper screws included

Models with Carry-Over (T171CR, T173CR, T174CR, T1471BCR)

- Minimum of 16 hours carry-over operation
- Carry-over automatically rewinds and only takes one hour for every two hours of power loss
- 4PST models are ideal for 3-phase load control

Model #	Switch	Input Voltage
Metal Indoor Enclosure		
T171	SPST	120 VAC, 60 Hz
T172	SPST	208-277 VAC, 60 Hz
T173	DPST	120 VAC, 60 Hz
T174	DPST	208-277 VAC, 60 Hz
T175**	1NO/1NC	120 VAC, 60 Hz
T176**	1NO/1NC	208-277 VAC, 60 Hz
Metal Outdoor Enclosure		
T173R	DPST	120 VAC, 60 Hz
T174R	DPST	208-277 VAC, 60 Hz
T1471BR*	4PST	120 VAC, 60 Hz
T1472BR*	4PST	208-277 VAC, 60 Hz
T1475BR*	4PST	480 VAC, 60 Hz
T1871BR* †	2NO/2NC	120 VAC, 60 Hz
T171CR	SPST	120 VAC, 60 Hz
T173CR	DPST	120 VAC, 60 Hz
T174CR	DPST	208-277 VAC, 60 Hz
T1471BCR*	4PST	120 VAC, 60 Hz

*Separate clock motor terminals for switching circuits not on line voltage.

**Can be wired as SPDT.

† Can be wired as DPDT.



T171CR



Ratings	
Resistive	40 A @ varying voltages
Inductive	40 A @ varying voltages
Electronic Ballast	16 A, 277 VAC
Tungsten	40 A @ varying voltages
Pilot Duty	1000 VA @ varying voltages
Motor: T170 Series	2 HP, 24 FLA @ 120 VAC 5 HP, 28 FLA @ 240 VAC
Motor: T1400 and T1800 Series	
Single Phase	2 HP, 24 FLA @ 120 VAC; 5 HP, 28 FLA @ 240 VAC
Three Phase	7 1/2 HP, 28 FLA @ 208 VAC; 10 HP, 28 FLA @ 240 VAC
Max Power Consumption	3 W
Operating Temperature	-40° F to 130° F (-40° C to 54° C)
Enclosure Dimensions H x W x D	
Metal Indoor	7 7/8" x 5 1/8" x 3 7/16" (200 mm x 130.2 mm x 87.3 mm)
Metal Outdoor	10 1/8" x 6 1/2" x 3 5/8" (257.2 mm x 165.1 mm x 92.1 mm)
Knockout Dimensions	
Side/Back	(1) 1/2" and 3/4" combination
Bottom	(2) 1/2" and 3/4" combination
Wire Size	#8 - #14 AWG
Warranty	1-year

For enclosure options and dimensions, see pages 164-165

Accessories/Replacement

Extra/replacement Trippers, 1 ON and 1 OFF 156T1948A

Extra/replacement Motors:

WG1570-10D for T171, T173, T175, 120 VAC, 60 Hz

WG1571-10D for T171, T173, T175, 120 VAC, 50 Hz

WG1573-10D for T172, T174, T176, 208-277 VAC, 60 Hz

WG430-20D for T1471BR, T1871BR, T1471BCR, 208-277 VAC, 60 Hz

WG433-20D for T1472BR, 208-277 VAC, 60 Hz

Replacement Insulators see pages 168-169

Voltage Ratings

For more details on model numbers / voltage ratings, scan the QR code with your smartphone or tablet.

