

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

- Indoor/Outdoor Lighting • Pool Heaters • Pumps • Blowers
- Conveyors • Electric Fences • Fans • Filters • Signs
- Various Other Electrical Loads • Commercial • Industrial • Residential

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
Indoor Type 1 Metal 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**	1 NO/1 NC	120 VAC, 60 Hz
T176**	1 NO/1 NC	208-277 VAC, 60 Hz
Outdoor Type 3R Metal Enclosure		
T173R	DPST	120 VAC, 60 Hz
T174R	DPST	208-277 VAC, 60 Hz
T171CR	SPST	120 VAC, 60 Hz
T173CR	DPST	120 VAC, 60 Hz
T174CR	DPST	208-277 VAC, 60 Hz
T1471BR*	4-SPST	120 VAC, 60 Hz
T1472BR*	4-SPST	208-277 VAC, 60 Hz
T1475BR*	4-SPST	480 VAC, 60 Hz
T1471BCR*	4-SPST	120 VAC, 60 Hz
T1871BR†	2 NO/2 NC	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, 60 Hz
Inductive	40 A @ Varying Voltages, 60 Hz
Electronic Ballast	16 A, 277 VAC, 60 Hz
Tungsten	40 A @ Varying Voltages, 60 Hz
Pilot Duty	1000 VA @ Varying Voltages, 60 Hz
Motor: T170 Series	2 HP, 24 FLA @ 120 VAC, 60 Hz 5 HP, 28 FLA @ 240 VAC, 60 Hz
Motor: T1400 and T1800 Series	
Single Phase	2 HP, 24 FLA @ 120 VAC, 60 Hz; 5 HP, 28 FLA @ 240 VAC, 60 Hz
Three Phase	7 ½ HP, 28 FLA @ 208 VAC, 60 Hz; 10 HP, 28 FLA @ 240 VAC, 60 Hz
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 9/8" (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	#14 AWG - #8 AWG
Warranty	1-year

For enclosure options and dimensions, see pages 166-167

Accessories/Replacements

Extra/replacement Trippers, 156T1978A
1 ON and 1 OFF

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 170-171

Voltage Ratings

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

