

Mechanical Time Switches

24-Hour



T101R



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	2 HP, 24 FLA @ 120 VAC 5 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 3/16" (200 mm x 130.2 mm x 87.3 mm)
Metal Indoor/Outdoor	10 1/8" x 6 1/2" x 3 3/8" (257.2 mm x 165.1 mm x 92.1 mm)
Plastic Indoor/Outdoor	10" x 6 1/2" x 4" (254 mm x 165.1 mm x 101.6 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 166-167

Accessories/Replacement

Extra/replacement trippers 1 ON and 1 OFF	156T1978A
Extra/replacement motors:	
WG1570-10D	for T101, T101P3, T103, T105, 120 VAC, 60 Hz
WG1571-10D	for T101, T103, T105, 120 VAC, 50 Hz
WG1573-10D	for T102, T104, T106P, 208-277 VAC, 60 Hz
WG1574-10D	for T104-50, 208-277 VAC, 50 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.



T100 Series

24-Hour

The T100 Series mechanical time switch has proven it can stand the test of time. These dependable time switches can handle electrical loads up to 40 A per pole and allow for up to 12 ON/OFF operations per day. A manual override switch provides added convenience.

Applications

- Indoor/Outdoor lighting • Signs • Filters • Electric fences • Fans
- Conveyers • Pool heaters • Blowers • Pumps
- Other electrical loads

Features

- Direct 24-hour control of most loads
- Up to 12 ON/OFF operations each day with minimum ON/OFF times of one hour
- Manual override
- One ON and one OFF tripper included

Model #	Switch	Input Voltage
Metal Indoor Enclosure		
T101	SPST	120 VAC, 60 Hz
T102	SPST	208-277 VAC, 60 Hz
T103	DPST	120 VAC, 60 Hz
T104	DPST	208-277 VAC, 60 Hz
T104-50	DPST	208-277 VAC, 50 Hz
T101B*	SPST	120 VAC, 60 Hz
T105 **	1 NO/1 NC	120 VAC, 60 Hz
Metal Indoor/Outdoor Enclosure		
T101R	SPST	120 VAC, 60 Hz
T102R	SPST	208-277 VAC, 60 Hz
T103R	DPST	120 VAC, 60 Hz
T104R	DPST	208-277 VAC, 60 Hz
T106R**	1 NO/1 NC	208-277 VAC, 60 Hz
T1205R	DPST	480 VAC, 60 Hz
Plastic Indoor/Outdoor Enclosure		
T101P	SPST	120 VAC, 60 Hz
T102P	SPST	208-277 VAC, 60 Hz
T103P	DPST	120 VAC, 60 Hz
T104P	DPST	208-277 VAC, 60 Hz
Plastic Indoor/Outdoor Enclosure with See-Through Door		
T101PCD82	SPST	120 VAC, 60 Hz
T103PCD82	DPST	120 VAC, 60 Hz
T104PCD82	DPST	208-277 VAC, 60 Hz
Mechanism Only		
T101M	SPST	120 VAC, 60 Hz
T103M	DPST	120 VAC, 60 Hz
T104M	DPST	208-277 VAC, 60 Hz
T106M **	1 NO/1 NC	208-277 VAC, 60 Hz

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

**Can be wired as SPDT.

T7000B Series

7-Day Mechanical

These 7-Day Mechanical time switches offer the capability of having a different schedule for each day of the week. They can handle up to 40 A of electrical loads per circuit and have separate terminals for powering the clock motor. These time switches can handle up to four loads per clock, providing a single control for easier installation. Each time switch comes with 7 ON and 7 OFF trippers, allowing for at least one ON/OFF operation each day.

Applications

- Heating • Air conditioning • Pumps • Indoor/Outdoor lighting
- Motors • Signs • Filters • Fans • Various other electrical loads

Features

- Different ON/OFF programs each day of the week
- True 7-day load control with minimum ON/OFF time of 3 ½ hours
- Separate clock motor terminals for switching loads not on line voltage
- Carry-over automatically rewinds when power resumes
- Minimum of 16-hour carry-over for maintaining preset schedules during power failures
- Available with Type 3R rated outdoor metal enclosure or Type 1 rated indoor metal in gray finish with separate grounding terminal



Ratings	
Resistive	40 A, 120-480 VAC
Inductive	40 A, 120/208/240/277 VAC
Tungsten	40 A, 120/208/240/277 VAC
Electronic Ballast	16 A, 277 VAC
Pilot Duty	1000 VA, 120-277 VAC Per Pole
Motor	
Single Phase	2 HP, 24 FLA, 120 VAC; 5 HP, 28 FLA, 240 VAC
Three Phase	7 ½ HP, 28 FLA, 208 VAC; 10 HP, 28 FLA, 240 VAC
Operating Temperature	-40° F to 130° F (-40° C to 54° C)
Enclosure Dimensions H x W x D	
Metal Indoor	13 ½" x 9" x 3 ¾" (333.3 mm x 228.9 mm x 95.25 mm)
Metal Outdoor	12 ½" x 9" x 4" (317.5 mm x 228.9 mm x 101.6 mm)
Knockout Dimensions	
Side/Back	(1) ½" and ¾" combination
Bottom	(2) ½", ¾" and 1" combination
Wire Size	#8 - #14 AWG
Warranty	1-year



T7401B

Model #	Switch	Input Voltage
Type 1 Metal Indoor Enclosure Without Carry-Over		
T7401B	4PST NO	120 VAC, 60 Hz
T7402B	4PST NO	208-277 VAC, 60 Hz
T7801B*	2 NO/2 NC	120 VAC, 60 Hz
T7802B*	2 NO/2 NC	208-277 VAC, 60 Hz
Type 1 Metal Indoor Enclosure With Carry-Over		
T7401BC	4PST NO	120 VAC, 60 Hz
T7402BC	4PST NO	208-277 VAC, 60 Hz
T7801BC*	2 NO/2 NC	120 VAC, 60 Hz

*Can be wired as (2) DPDT.

Note: All models have separate clock motor terminals for switching circuits not on line voltage. They may be used with 24 V systems if wired in accordance with NEC regulations.

T2000 Series

7-Day Mechanical

These compact 7-Day Mechanical time switches offer the capability of having a different schedule for each day of the week. They can handle up to 20 A of resistive loads and up to six ON/OFF settings per day.

Applications

- Pumps • Lighting • Motors • Ventilation systems
- Fans • Various other electrical loads

Features

- Minimum 2-hour timing intervals
- Up to 42 ON/OFF operations per week
- Type 1 rated metal indoor enclosure

Model #	Switch	Input Voltage
T2005	SPDT	120 VAC, 60 Hz
T2006	SPDT	208-277 VAC, 60 Hz



T2005

Ratings	
Resistive	20 A, 125, 208-277 VAC
Motor	½ HP, 125 VAC; 1 HP, 250 VAC
Operating Temperature	-40° F to 130° F (-40° C to 54° C)
Enclosure Dimensions H x W x D	7 7/8" x 5 1/8" x 3 7/16" (200 mm x 130.2 mm x 87.3 mm)
Knockout Dimensions	
Side/Back	(1) ½" and ¾" combination
Bottom	(2) ½" and ¾" combination
Wire Size	#12 - #14 AWG
Warranty	1-year

For enclosure options and dimensions, see pages 166-165