

Mechanical Time Switch - 24-Hour Mechanical Time Switch with Skip-a-Day, 120 VAC, 60Hz, 2 NO/2 NC, Outdoor Metal Enclosure, 1 Hour Interval

Item T1871BR



PRODUCT DESCRIPTION

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.

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

APPLICATIONS

- ▶ Timing/Scheduling ON/OFF
- ▶ Indoor Lighting Control
- ▶ Outdoor Lighting Control

TECHNICAL DATA

| General | |
|-----------------------------------|--|
| Model Number | T1871BR |
| Description | 24-Hour Mechanical Time Switch with Skip-a-Day, 120 VAC, 60Hz, 2 NO/2 NC, Outdoor Metal Enclosure, 1 Hour Interval |
| UPC Code | 078275179059 |
| Brand | Intermatic |
| Country of Origin (Intermatic) | MEXICO |
| Warranty Period | 1-Year limited |
| Control Specifications | |
| Minimum ON/OFF Times | 1 hour |
| Maximum ON/OFF Operations | 10 |
| Skipper Wheel | Not Included |
| Operation Mode | 24 hour |
| Has Manual Override | Yes |
| Application Compatibilities | LED; HID |
| Mechanical Specifications | |
| Enclosure Type | Outdoor type 3R metal |
| Dimensions | |
| Product Dimensions (H x W x D) in | 10.125 x 6.5 x 3.625 in |
| Wire Size Min | #14 AWG |
| Wire Size Max | #8 AWG |

Material Specifications

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|-------|------|
| Color | Gray |
|-------|------|

Load Ratings

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|--|--|
| Motor Single Phase Ranges | 2 HP, 24 FLA @ 120 VAC, 60 Hz; 5 HP, 28 FLA @ 240 VAC, 60 Hz |
| Motor Three Phase Ranges | 7 1/2 HP, 28 FLA @ 208 VAC, 60 Hz; 10 HP, 28 FLA @ 240 VAC, 60 Hz |
| Tungsten Range(s) | 40 A, 120-277 VAC, 60 Hz |
| Electronic Ballast | 16 A, 277 VAC, 60 Hz |
| Electronic Ballast Load Ratings Ranges | 16 A, 277 VAC, 60 Hz |
| Inductive | 40 A, 277 VAC, 60 Hz; 40 A, 240 VAC, 60 Hz; 40 A, 208 VAC, 60 Hz; 40 A, 120 VAC, 60 Hz |
| Resistive Load Ratings Ranges | 40 A, 120-480 VAC, 60 Hz |
| Inductive Load Ratings Ranges | 40 A, 120-277 VAC, 60 Hz |
| Pilot Duty Load Ratings Ranges | 1000 VA, 120-277 VAC, 60 Hz |

Electrical Specifications

| | |
|-------------------------------|----------------|
| Wiring Option | Terminals |
| Input Voltage Range(s) | 120 VAC, 60 Hz |
| Number of Circuits | 2 |
| Switch Type | 2 NO/2 NC |
| Maximum Power Consumption (W) | 3 W |

Packaging

| | |
|---------------------------------------|---------------------|
| Shipping Weight (lbs) | 3.792 |
| Unit Carton Dimensions (H x W x L) in | 10.06 x 4 x 6.56 in |

Environmental Specifications

| | |
|-------------------------|--------------------------------------|
| Temperature (operation) | -40 °F to 130 °F / (-40 °C to 54 °C) |
|-------------------------|--------------------------------------|

Standards and Certifications

| | |
|--|-------------------|
| UL Certification | cULus |
| CSA Certification | cCSAus |
| Other Certifications and Compatibilities | LED; Green Energy |
| UL File Number | UL916 |
| CSA File Number | C22.2-177; LR3730 |
| California Proposition 65 | Lead |
| RoHS Certification | X |

ACCESSORIES



156T1948A
Trippers for T170, T1400, T1800 Series
Includes 1 ON, 1 OFF, and 1 ON with Skipper
Extension



156T3085A
Skipper Screws for T170 Series, T1400
Series, and T1800 Series



124T1953
Insulator for 4PST Time Switch



156T1957A
Skipper Screws (3 per package)