ELLIOTT ELECTRIC SUPPLY
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Nacogdoches, TX 75964-0
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ST01 7DAY PRGBL WL SW TIMER WHITE

INTERMATIC INC.

Catalog Number	ST01
Manufacturer	INTERMATIC INC.
Description	Timer Swtch, 24 h Time Setting Mode, SP/3 Way Contact Form, 120 to 127 V ac;12 to 28 V dc, 20 A, 1 Pole, White, +32 °F Operating Temperature, +122 °F Operating Temperature, 1.8125 x 1.75 x 4.125 in Size, 0.5 lb
Weight per unit	0.4170 (lbs/each)
Product Category	Electronic Time Switches

Features

Contact Rating	15 AMP (Resistive, Tungsten), 6 AMP (Tungsten), 8 AMP (Ballast), 4 AMP (Ballast)
Poles	1
Timing Range	7
Action	SP/3 Way
Connection	Wire Lead
Motor Power	1 HP @ 120 VAC, 2 HP @ 240 VAC

Descriptions

Description	7DAY PRGBL WL SW TIMER WHITE
Features	Highly versatile Heavy-Duty Timers are ideal for any application that requires a simple or complex ON/OFF schedule, regardless of load. No neutral connection is required. *NOTE: Not for use with sunlamps, saunas, or loads that could cause personal injury if timed incorrectly.
Long Description	7-Day Heavy-Duty Programmable Timer, 120-277 VAC, 15A, White
Product Type	7-Day Heavy-Duty Programmable Timer, 120-277 Vac, 15A, White
Special Features	Features: Random Setting Turns Lights On/Off at Different Times so it Appears Someone is Always at Their Home or Business, Auto Daylight Saving Time Adjustment, Astronomic Feature can be Combined with Specific Timed On/Off Programming
Extra Long Description	INT ST01 7-Day Heavy-Duty Programma

Manufacturer Information

Brand	Intermatic
GTIN	00078275127562
UPC	683341

Taxonomies, Classifications, and Categories

Category Description	TIME CLOCKS
Type	Heavy Duty In-Wall

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Packaging

Carton	1
Package	6
Weight Per Each	0.4170 (lbs/each)

Uses, Certifications, and Standards

Mounting	WALL MOUNT
Operating Temperature	+32 to +122 DEG F, 0 to +50 DEG C
Standard	cCSAus Certified, HVACR, Title CA 20 Listed

Project:

Location:

Product Type:

Contact/Phone:

Model #:

ST01 Series
Digital In-Wall Timers

The ST01 Series In-Wall Timers are easy-to-program, 4-button programmable timers that allow up to 40 event settings per week. The timers have an Astronomic feature for sunrise and sunset switching.

Features

- Easy to program for 24-Hour or 7-Day load control
- Auto Daylight Saving Time adjustment
- CFL/LED compatible
- Astronomic feature provides sunset ON and sunrise OFF settings or combine Astronomic features with specific timed ON/OFF programming
- Low battery indicator
- Continuously displays time of day, mode and load status
- CR2 lithium battery provides up to 2+ years of time keeping without AC power
- Replaces single-pole or 3-way switches in a variety of applications
- Random setting feature available to avoid predictable time controlled look
- User program selections are stored in non-volatile memory
- Controls all voltage/frequencies with no adjustments required
- No neutral required
- Manual override feature

Not for use with sunlamps, saunas, or loads that could cause personal injury if timed incorrectly.



ST01A

Ratings

Switch Ratings:

Resistive:	15 Amp, 120-277 VAC
Tungsten:	15 Amp, 120 VAC 6 Amp, 208-277 VAC
Ballast (magnetic):	8 Amp, 120 VAC 4 Amp, 208-277 VAC
Motor:	1 HP, 120 VAC 2 HP, 240 VAC
DC Loads:	4 Amp, 12 VDC 2 Amp, 28 VDC
Dimenisons:	2.75" H x 1.75" W x 1.46" D
Warranty:	Limited 1 year

Model Number	Switch	Manual Override	Neutral Required	Battery Backup	Color
ST01	Single-Pole/3-Way*	Yes	No	Yes	White
ST01A	Single-Pole/3-Way*	Yes	No	Yes	Almond

*3-way applications up to 100 feet

ST01 Series

Specification

The timer shall be a solid state electronic control, capable of permitting 40 event settings to be distributed through a 7-Day time period, plus one Astro ON and one Astro OFF setpoint per day. The time-of-day event settings shall be programmable to the nearest minute with a minimum ON duration of 1 minute and a maximum ON duration of 6 days, 23 hours, 59 minutes. The timer shall have a digital LCD to show mode and time of day using a 12 hour AM/PM indicator. The timer shall provide a manual override control for both temporary and permanent overrides. The timer shall operate over a temperature range of 32°F to 104°F (0°C to 40°C). A lithium battery provides up to 2+ years of time keeping without AC power. User program selections are stored in a non-volatile memory. Switch configuration to be SPST with a CSA listed rating of: Resistive (heater): 15 Amp, 120-277 VAC; Tungsten (incandescent):15 Amp, 120 VAC; 6 Amp, 208-277 VAC; Ballast (flourescent); 8 Amp, 120 VAC; 4 Amp, 120 VAC; Motor: 1 HP, 120 VAC; 2 HP, 240 VAC; DC Loads: 4 Amp, 12 VDC; 2 Amp, 28 VDC. The timer must fit a standard wall box and accept a rectangular decorator wall plate. Timer contacts shall make or break current according to user adjustable program.
The timer shall be Intermatic model _____(Almond-ST01AC)(White-ST01C).

Diagrams

DIAGRAM 1:
TYPICAL EXISTING
2-SWITCH SETUP

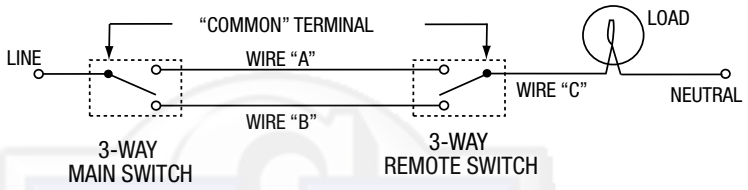

DIAGRAM 2:
2-SWITCH SETUP,
TIMER INSTALL
RE-USING EXISTING
REMOTE 3-WAY SWITCH

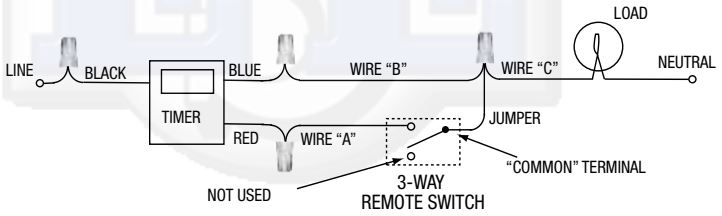

DIAGRAM 3:
2-SWITCH SETUP,
TIMER INSTALL USING
NEW SINGLE-POLE
REMOTE SWITCH

