


RTPA24W

Automated Lighting with 24/7 Programmable Schedules

RTPA24

The Programmable 24-hour Astronomic Timer automatically turns lighting and small motor loads on and off based on user programming. It replaces single-pole and 3-way switches for energy savings, convenience and security. This timer is an ideal solution for meeting Title 24 and IECC residential energy code requirements for exterior lighting control. Accounting for daylight savings time and seasonal shifts, the programmable timer switch automatically adjusts sunrise/sunset times and has a rechargeable battery backup in the event of power loss.

Features & Benefits

Easy to Program
Setup and control buttons are accessed through door on front of timer switch



Back-lit LCD Screen

Easy to read screen displays current day, time, mode, and load status



Back-Wire Screw and Pressure Plate
Terminations for easy and reliable wiring

RTPA24W

- **Single-pole & 3-way operation**
- **Total of 7 ON/OFF programs** allow 24-hour scheduling every day of the week
- **Ideal for a wide variety of applications:** porch and patio lights, sconce lighting, home fan control, pool filters, heaters, and more
- **Flexible programming** allows for control by weekdays, weekends, or any combination of days
- **Astronomic feature** automatically adjusts dusk and dawn times throughout the year based on geographic location
- **Automatically adapts to daylight savings time** without having to re-program the device
- **Manual ON override** returns to programmed settings within 6 hours
- **Meets energy code requirements:** California Title 24 (2019/2022 Part 6: Outdoor Control Device) and 2021 IECC requirements
- **4 operating modes included:** Manual, Automatic, Random, Countdown
- **Built-in rechargeable battery backup** lasts up to 14 days to store programs in the event of power loss

3rd Party Compliance



cULus Listed (E103624)
Conforms to NEMA WD-1 & WD-6
California Title 24 and 2021 IECC Compliant

Technical Information

Performance

Electrical

Supply Voltage	120VAC
Output Voltage	120VAC
Load Ratings	Resistive: 15A Tungsten: 1200W Standard Ballast: 1200VA LED/Electronic Ballast: 600W (5A) Motor: 1/2 HP
Frequency	60Hz
Timer Type	Programmable, 24/7
Installation	Single Pole or 3-Way
Neutral Required	Yes

Mechanical

Terminal Accommodation	#12 - #14 AWG solid & stranded
Termination Method	Back-Wire, Screw & Pressure Plate
Screw Torque Requirement	14-16 in-lb
Unit Weight	.291 lbs
Wall Plate Size	NEMA 26-Opening
Depth into Wall Box	1.42"

Environmental

Operating Temperature	Max Continuous +40°C, min -40°C
Flammability	UL94 V2
Application	Indoor Use Only
RoHS Compliant	Yes
Prop65 Warning	No
Country of Origin	China

Materials

Paddle/Face	Polycarbonate
Body	Polycarbonate
Terminal	Brass
Mounting Strap	Cold Rolled Steel
Terminal Screws	#8 Tri-Drive Plated Steel
Ground Screw	#8 Tri-Drive Plated Steel
Mounting Screws	#6 Tri-Drive Steel



Depth (Into Wallbox) = 1.42"
RTPA24W

Programmable 24-Hour Astronomic Timer Ordering Information

Catalog Number	Description	Color	Voltage	Load Rating	UPC
RTPA24W	1P/3W, Timer Switch	White	120VAC, 60Hz	Resistive: 15A LED: 600W (5A) Tungsten: 1200W Std. Ballast: 1200VA Motor: 1/2 HP	78500745461
RTPA24LA	1P/3W, Timer Switch	Light Almond	120VAC, 60Hz		78500745462
RTPA24I	1P/3W, Timer Switch	Ivory	120VAC, 60Hz		78500745463
RTPA24BK	1P/3W, Timer Switch	Black	120VAC, 60Hz		78500745464

Guide Specifications

Programmable 24-Hour Astronomic Timer: Pass & Seymour® Catalog No. RTPA24 [W][LA][I][BK]; single pole and three-way operation timer switch rated 15A resistive, 600 watts (5A) LED, 1200 watts Tungsten, 1200VA standard ballast, and 1/2HP motor at 120 volts AC 60Hz; seven (7) ON/OFF programs allow 24-hour scheduling every day of the week; easily programmable with setup and control buttons accessed through door on front of timer switch; back-lit LCD screen displays current day, time, mode, and load status; four (4) operating modes including manual, automatic, random, and countdown; built-in rechargeable battery backup lasts up to 14 days to store programs in event of power loss; automatic adapts to daylight savings time; manual ON override returns to programmed settings within six (6) hours; terminals accommodates #12-#14 AWG solid and stranded wire; UL94 V2 flammability compliant; polycarbonate face and body; brass terminals; cold rolled steel mounting strap; [ivory][white][light almond][black] color; meets California Title 24 (2019/2022 Part 6: Outdoor Control Device) and 2021 IECC requirements; RoHS compliant.

Vertical Markets

- Residential
- Multiple Dwelling
- Hospitality/Lodging
- Light Commercial
- Restaurants

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