Manuals+ — User Manuals Simplified.

Honeywell RPLS531A Programmable Wall Switch

Honeywell RPLS531A Programmable Wall Switch User Guide

Contents

Honeywell

Honeywell RPLS531A Programmable Wall Switch

Product Information

- **Specifications**
  - Switch Type: Programmable Wall Switch
  - Installation: Single-pole or 3-way
  - Compatible Lighting Types: All types except below 40 W, above 500 W, or with a motor
- **Installation**
  - To install the RPLS530A/RPLS531A switch, follow the steps below:
- **Step 1:** Cut Power
  - Before starting the installation, cut power at the circuit breaker to avoid electric shock.
- **Step 2:** Remove Existing Switch
  - Remove the existing switch. For a 3-way installation, identify and label the wire that is connected to the common screw.
- **Step 3:** Install New Switch
  - Refer to the appropriate section below based on your installation type:
  - **SINGLE-POLE INSTALLATION**
    - Connect wires 2 and C of the RPLS530A/RPLS531A to the line (120 V) wire.
    - Connect the neutral wire to the neutral terminal.
    - See NOTE A for the white wire.
  - **EXISTING 3-WAY INSTALLATION**
    - Connect wire C of the RPLS530A/RPLS531A to the common wire identified when removing the old

switch.

- Connect the other two RPLS530A/RPLS531A wires to the two remaining wires.
- At the other 3-way switch, connect the jumper wire between the common screw and the screw where wire 1 of the RPLS530A/RPLS531A is connected.
- **NEW 3-WAY INSTALLATION**
  - A jumper wire is not required in this installation. A single-pole switch can be used as the other switch in a 3-way installation.

- **Step 4:** Apply Power
  - Apply power at the circuit breaker.
  - **Power-On**
    - To power on the switch, follow the steps below:

- **Step 1:** Pry Open Switch Door
  - Pry the switch door open from the bottom using a small screwdriver.

- **Step 2:** Set ON/OFF Selector
  - Ensure the ON/OFF selector is set to ON.

- **Step 3:** Reset Switch
  - Reset the switch using a paper clip. The display will show "0:00" and "MO" will flash.

- **Step 4:** Check Display
  - If the display is blank, make sure the switch is properly engaged in the ON position. Push it to the right using a small screwdriver. Also, ensure that the lamp switch is set to On.

- **EXISTING 3-WAY INSTALLATION**
  - If either switch does not work properly, rewire the jumper between the common screw and the other screw.
  - **WARNING:** Before replacing the light bulb, place the ON/OFF selector in the OFF position. Failure to do so might damage the switch.

- **Setting the Clock**
  - To set the clock on the switch, follow the steps below:

- **Step 1:** Change Format
  - Press one of the control buttons to ensure the MAN or AUTO indicator is displayed. Press the MIN and HOUR buttons simultaneously and briefly to change the format between 24-hour and 12-hour.

- **Step 2:** Set Time
  - Set the time using the HOUR and MIN buttons. If you have selected the 12-hour format, ensure that PM appears on the screen when an afternoon time is displayed.

- **Step 3:** Set Day
  - Set the day by using the DAY button.

- **Step 4:** Exit Setting Mode
  - Press one of the control buttons or close the switch door to exit the setting mode and return to normal operation.

- **Selecting the Operating Mode**
  - The programmable switch has 2 operating modes: manual (MAN) and automatic (AUTO).

- **Manual Mode**
  - In manual mode, the programmable switch operates as a regular switch. Briefly press the switch door to turn the lights On or Off. The mode (MAN) and state (ON or OFF) are displayed.

- **Automatic Mode**
    - In automatic mode, the programmable switch follows the programmed schedule. The mode (AUTO), state (ON or OFF), and current program number are displayed.

FAQs

- **What types of lighting are compatible with the RPLS530A/RPLS531A switch?**
    - The RPLS530A/RPLS531A switch can be used with all types of lighting except those below 40 W, above 500 W, or with a motor.
- **Can the RPLS530A/RPLS531A switch be used in a 3-way installation?**
    - Yes, the RPLS530A/RPLS531A switch can be used in a 3-way installation. Refer to the installation instructions for more details.
- **How do I reset the switch?**
    - To reset the switch, use a paper clip to press the reset control. The display will show "0:00" and "MO" will flash.
- **How do I change the operating mode?**
    - To switch between manual (MAN) and automatic (AUTO) mode, press the switch door for 3 seconds.

Applications

The RPLS530A/RPLS531A switch can be used in a single-pole or 3-way installation with the following types of lighting:

- Incandescent
- Halogen
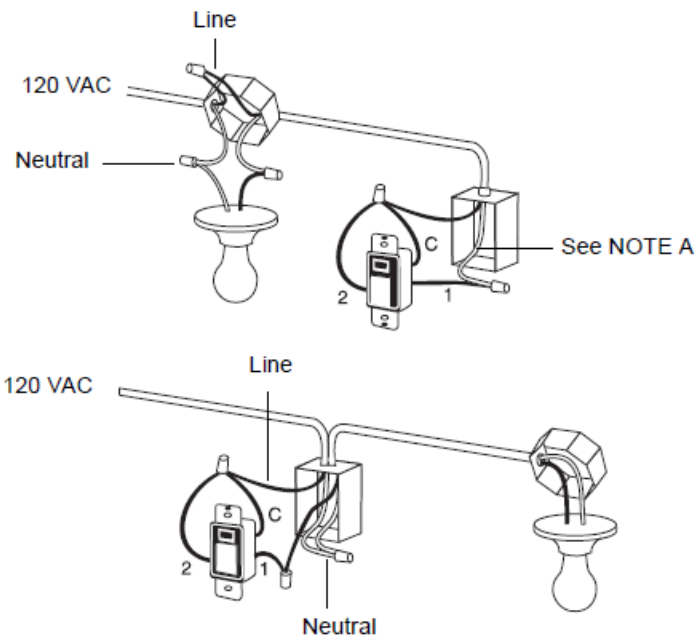- Low-voltage halogen with transformer
- Fluorescent

The RPLS530A/RPLS531A switch cannot be used with a load below 40 W, a load above 500 W or a motor.

Installation

1. Cut power at the circuit breaker to avoid electric shock.
2. Remove the existing switch. (For a 3-way installation, identify and label the wire that is connected to the "common" screw.)
3. Install the new switch (refer to the appropriate section below).
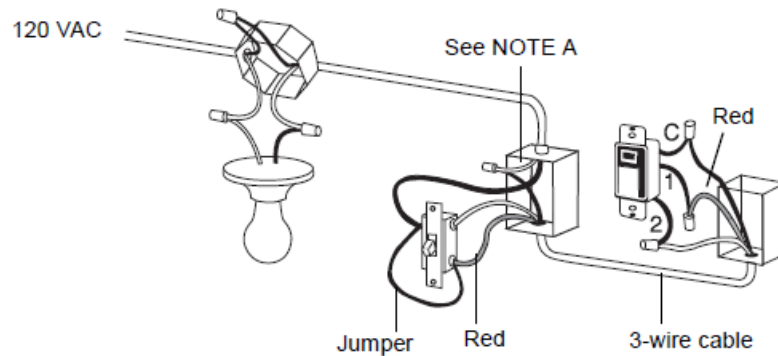4. Apply power at the circuit breaker.
    - **NOTE A:** The white wire is not the neutral wire but the wire going to the load.
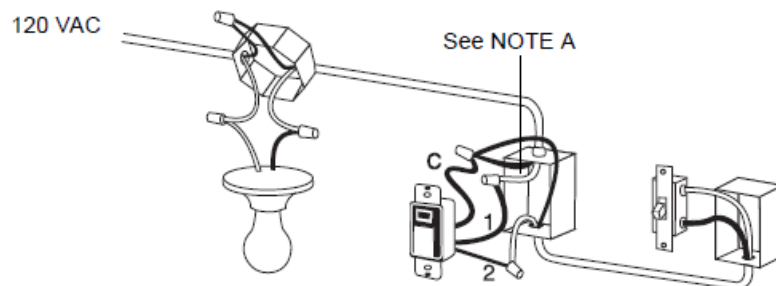
SINGLE-POLE INSTALLATION

- Connect wires "2" and "C" of the RPLS530A/RPLS531A to the line (120 V) wire.

EXISTING 3-WAY INSTALLATION

- Connect wire "C" of the RPLS530A/RPLS531A to the "common" wire, identified when removing the old switch. Connect the other two RPLS530A/RPLS531A wires to the two remaining wires.
- At the other 3-way switch, connect the jumper wire between the "common" screw and the screw where wire "1" of the RPLS530A/RPLS531A is connected.
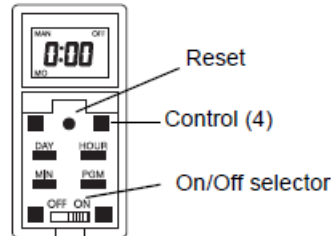
NEW 3-WAY INSTALLATION

The jumper wire is not required in this installation. A single-pole switch can be used as the other switch in a 3-way

installation.

Power-On

- Pry the switch door open from the bottom using a small screwdriver.
- Ensure the ON/OFF selector is set to ON.
- Reset the switch using a paper clip. 0:00 and MO will flash.

If the display is blank:

- Ensure the ON/OFF selector is properly engaged in the ON position. Push it to the right using a small screwdriver.
- If the programmable switch controls a lamp equipped with a built-in On/Off switch, ensure the lamp switch is set to On.
- Ensure the light bulb is not burned out and is tightly screwed into its socket.

EXISTING 3-WAY INSTALLATION

- If either switch does not work properly, rewire the jumper between the "common" screw and the other screw.
- **WARNING:** Before replacing the light bulb, place the ON/OFF selector in the OFF position. Failure to do so might damage the switch.

Setting the Clock

NOTE: The switch displays the time in 24-hour format by default or following a reset.

- To change to a 12-hour format (or vice versa), proceed as follows:
    - **a)** Press one of the control buttons to ensure the MAN or AUTO indicator is displayed.
    - **b)** Press the MIN and HOUR buttons simultaneously and briefly (0:00 display = 24-hour, noon display = 12-hour).
- Set the time using the HOUR and MIN buttons. If you have selected the 12-hour format, ensure that PM appears on the screen when an afternoon time is displayed.
- Set the day by using the DAY button.
- Press one of the control buttons or close the switch door to return to normal operation.
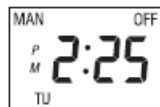
Selecting the Operating Mode

- The programmable switch has 2 operating modes: manual (MAN) and automatic (AUTO). To switch mode, press the switch door for 3 seconds.

Manual Mode

- The programmable switch operates as a regular switch.
- Briefly press the switch door to turn the lights On or Off.
- The mode (MAN) and state (ON or OFF) are displayed.

Automatic Mode

- The programmable switch follows the programmed schedule.
- The mode (AUTO), state (ON or OFF), and current program number are displayed.
- To temporarily override the programmed schedule, press the switch door.
- The new state (ON or OFF) will flash to show that this state is temporary.
- The override remains in effect until you press the switch door again or until the beginning of the next program.

Programming

You can set up to 7 programs. To set a program, you need to enter its start time (ON) and its end time (OFF).

- Pry the switch door open using a small screwdriver.
- Press the PGM button to display a program and its

On or Off time. For example, when you first press

- PGM, program number 1 (P1) and its On time (ON) will appear. -: – – will appear instead of the time if the program is not set (inactive).
- Press the DAY button to select the day to which you want to apply the program.
  - **NOTE:** If you want to apply the program to every day of the week, press DAY until all the days are displayed. (This still counts as 1 program, not 7)
- Press the HOUR and MIN buttons to set the ON time (the time when you want the lights to turn on). If you have selected the 12-hour format, ensure that PM appears on the screen when an afternoon time is displayed.
- After you have programmed the ON time, press the PGM button to display the OFF time (the time when you want the lights to turn off).
- Repeat steps 3 through 5 to program the OFF time. If the program ON time is set for every day of the week, the program OFF time will automatically be set for every day.
- To set another program, repeat steps 2 through 6. Programs that are not set will remain inactive.
- Press one of the control buttons or close the switch door to return to normal operation.

Clearing a Program

- Press the PGM button until the desired program is selected. Hold the
- PGM button for 3 seconds. -: – – appears when the program is erased.

Technical Specifications

- **Supply:** 120 VAC, 50 / 60 Hz
- **Minimum load:** 40 watts
- **Maximum load:** 500 watts
- **Operating temperature range:** 5°F to 122°F (-15°C to 50°C)
- **Storage temperature range:** -4°F to 122°F (-20°C to 50°C)
- **Power outage:** The programs are protected by a rechargeable battery. The screen is blank during the power outage.
- **Certifications:** CSA & UL

Troubleshooting

Blank display	• Verify circuit breaker at main panel. • Verify if the light bulb is burned out • Ensure the **ON/OFF** selector is at **ON**. • Reset the switch using a paper clip.
Faded or irregular display	• Load is less than 40 W • Ambient temperature is below freezing point
Cannot switch between 24-hour format and 12-hour format	First, press one of the control buttons so that **MAN** or **AUTO** appears on display.
Programs do not run as expected	• Make sure the switch is properly programmed. • Note that **– :–** indicates an inactive pro- gram, **00:00** indicates midnight. • If the switch has been configured for 12-hour format, check that **PM** appears on the left side of the screen when an after-noon time is displayed.
The metal plate is hot	This is normal with high loads (maximum of 500 W).

Warranty

Honeywell warrants this product, excluding battery, to be free from defects in the workmanship or materials, under normal use and service, for one (1) year from the date of purchase by the consumer. If at any time during the warranty period, the product is determined to be defective or malfunctions, Honeywell shall repair or replace it (at Honeywell's option).

If the product is defective,

1. return it, with a bill of sale or other dated proof of purchase, to the place from which you purchased it, or
2. call Honeywell Customer Care at 1-800-468-1502. Customer Care will determine whether the product should be returned to the following address: Honeywell Return Goods, Dock 4 MN10-3860, 1885 Douglas Dr. N, Golden Valley, MN 55422, or whether a replacement product can be sent to you.
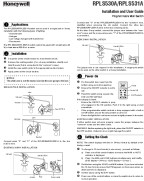
This warranty does not cover removal or reinstallation costs. This warranty shall not apply if it is shown by Honeywell that the defect or malfunction was caused by damage that occurred while the product was in the possession of a consumer. Honeywell's sole responsibility shall be to repair or replace the product within the terms stated above. HONEYWELL SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND, INCLUDING ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING, DIRECTLY OR INDIRECTLY, FROM ANY BREACH OF ANY WARRANTY, EXPRESS OR IMPLIED, OR ANY OTHER FAILURE OF THIS PRODUCT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation may not apply to you. THIS WARRANTY IS THE ONLY EXPRESS WARRANTY HONEYWELL MAKES ON THIS PRODUCT. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS HEREBY LIMITED TO THE ONE-YEAR DURATION OF THIS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

- If you have any questions concerning this warranty, please write Honeywell Customer
- Relations, 1985 Douglas Dr, Golden Valley, MN 55422 or call
- 1-800-468-1502. In Canada, write Retail Products ON15-02H, Honeywell Limited/
- Honeywell Limitée, 35 Dynamic Drive, Scarborough, Ontario M1V4Z9.

Customer Assistance 10.

- If you have any questions about your light switch, go to
- **http://yourhome.honeywell.com**, or call Honeywell Customer Care
- toll-free at 1-800-468-1502.
- RPLS530A/RPLS531A

Documents / Resources

	Honeywell RPLS531A Programmable Wall Switch [pdf] User Guide RPLS530A, RPLS531A, RPLS531A Programmable Wall Switch, RPLS531A, Programmable Wall Switch, Wall Switch, Switch

References

- 🌐 **Honeywell Home | Smart Home Comfort and Security**
- Ⓜ **Manual-Hub.com - Free PDF manuals!**
- **User Manual**