POWER CCT15551

POWER IHP+ 1 Channel Programmable Timer Switch User Manual

Model: CCT15551

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of the POWER IHP+ 1 Channel Programmable Timer Switch, model CCT15551. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

Always observe the following safety precautions:

- Installation must be performed by a qualified electrician in accordance with local electrical codes and regulations.
- Disconnect power before installing, servicing, or removing the device.
- Do not expose the device to moisture, extreme temperatures, or corrosive environments.
- Ensure proper grounding to prevent electric shock.
- Do not attempt to repair or modify the device. Refer all servicing to qualified personnel.

3. PRODUCT OVERVIEW

The POWER IHP+ 1 Channel Programmable Timer Switch is designed for precise control of electrical circuits based on a programmed schedule. It features a digital display and intuitive controls for easy programming.

Figure 3.1: Front view of the IHP+ 1 Channel Programmable Timer Switch.

This image displays the front of the timer switch. Visible elements include the Schneider Electric logo, the model name IHP+ 1C, and the product code CCT15551. The digital display shows time markings from 0 to 24. Below the display are four control buttons labeled 'MENU', '-', '+', and 'OK'. Connection terminals are visible at the top, labeled 'Ext1', 'L', and 'N'. The device also indicates electrical ratings: R10a -30T, 16(10) A 250 V~.

3.1. Components and Controls

- **Display:** Digital screen showing time, program status, and settings.
- **MENU Button:** Accesses the main menu for programming and settings.
- **- (Minus) Button:** Decreases values or navigates backward in menus.
- **+ (Plus) Button:** Increases values or navigates forward in menus.
- **OK Button:** Confirms selections and saves settings.
- **Connection Terminals (L, N, Ext1):** For electrical wiring connections.

4. INSTALLATION

The IHP+ 1 Channel Programmable Timer Switch is designed for DIN rail mounting.

1. **Power Disconnection:** Ensure the main power supply to the circuit is completely disconnected before beginning installation.
2. **Mounting:** Snap the timer switch onto a standard 35mm DIN rail in your electrical panel.
3. **Wiring:** Connect the electrical wires according to the wiring diagram provided below and the labels on the device terminals.

   - Connect the Live (Phase) wire to the 'L' terminal.
   - Connect the Neutral wire to the 'N' terminal.
   - Connect the load (e.g., light, fan) to the output terminal (often labeled 'Ext1' or a similar output designation, referring to the image).
   - Ensure all connections are secure and properly insulated.

4. **Power Reconnection:** Once all connections are secure, restore power to the circuit. The device display should illuminate.

Note: A detailed wiring diagram is typically found on the device itself or in a separate quick-start guide. Always consult professional electrical guidance if unsure.

5. OPERATING INSTRUCTIONS

This section details how to set up and program your IHP+ timer switch.

5.1. Initial Setup (Time and Date)

1. Upon first power-up or after a long power outage, the device may prompt you to set the current time and date.
2. Use the **+** and **-** buttons to adjust the values (year, month, day, hour, minute).
3. Press **OK** to confirm each setting and move to the next.

5.2. Programming ON/OFF Times

1. Press the **MENU** button to enter the programming mode.
2. Navigate through the menu options using the **+** and **-** buttons until you find "Program" or "Timer Settings". Press **OK**.
3. Select an empty program slot (e.g., "P1 ON"). Press **OK**.
4. Set the desired ON time (hour and minute) using **+** and **-**, then **OK**.
5. Select the days of the week for this program to be active. You can choose individual days or blocks

(e.g., Mon-Fri, Sat-Sun, Mon-Sun). Press **OK**.

6. Repeat the process for the corresponding OFF time (e.g., "P1 OFF").

7. Continue adding more program pairs as needed. The device typically supports multiple ON/OFF programs.

8. Exit the programming menu by pressing **MENU** repeatedly or selecting an "Exit" option.

5.3. Manual Override

The timer switch usually has a manual override function to temporarily switch the output ON or OFF regardless of the programmed schedule.

- Look for a dedicated button or a specific combination of buttons (e.g., pressing **OK** briefly from the main screen) to toggle the output state.

- The display will typically indicate "ON" or "OFF" for the manual state.

- The manual override usually remains active until the next programmed switching event or until manually cancelled.

6. MAINTENANCE

The POWER IHP+ timer switch requires minimal maintenance.

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners, solvents, or liquids.

- **Inspection:** Periodically check the wiring connections for tightness and signs of wear or damage.

- **Battery Backup:** The device may contain an internal battery for retaining settings during power outages. This battery is typically long-lasting and not user-replaceable.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device display is blank.	No power supply.	Check circuit breaker and wiring connections (L and N terminals).
Load does not switch ON/OFF as programmed.	Incorrect program settings; Manual override active; Wiring issue.	Verify program times and days; Deactivate manual override; Check load wiring.
Time/Date is incorrect after power outage.	Internal battery depleted or not present.	Reset time and date manually. If issue persists, contact support.

If the problem persists after attempting these solutions, contact customer support.

8. SPECIFICATIONS

- **Brand:** POWER

- **Model Number:** CCT15551

- **Product Dimensions (L x W x H):** 10 x 10 x 10 cm (3.94 x 3.94 x 3.94 inches)

- **Item Weight:** 160 grams (0.35 lbs)

- **Rated Current:** 16(10) A

- **Rated Voltage:** 250 V~

- **Operating Temperature:** R10a -30T

- **ASIN:** B082P963V7

- **Manufacturer:** Power
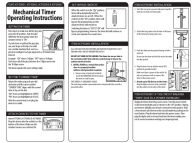
9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official POWER website or contact your local distributor. Keep your purchase receipt as proof of purchase.
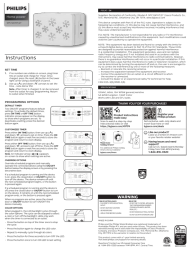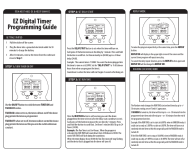
Manufacturer: Power

Contact Information: Please visit the manufacturer's official website or contact your retailer for support.

Related Documents - CCT15551

universele lasdoos 16/19mm zonder deksel - wit (2070.001) (2070.001) >MEER DAN ELEKTRA ELEKTRAMAT	[Power Universele Lasdoos 16/19mm Zonder Deksel Wit (2070.001) - Specificaties en Details](#) Gedetailleerde specificaties en productomschrijving van de Power universele lasdoos 16/19mm zonder deksel, wit (model 2070.001). Ideaal voor droge ruimtes met compatibiliteit voor 16mm en 19mm leidingkanalen.
Mechanical Timer Operating Instructions	[Clear Power Mechanical Timer: Operating Instructions, Setup & Safety Guide (CP50001-CP50007)](#) Detailed operating instructions and safety information for Clear Power mechanical timers (models CP50001, CP50003, CP50005, CP50007). Learn how to set timers, install indoor and outdoor units, and understand electrical ratings and safety precautions.
15GD/3A DE MECHANISCHE PROGRAMMIERBARE SCHALTSTECKDOSE GB MECHANICAL TIMER HU PROGRAMOZHATÓ MECHANIKUS KAPCSOLÓ ÓRA SI MEHANSKA PROGRAMSKA VEZNA VTIČNICA RS HR BA MEHANIČKI TAJMER SA UTIČNICOM UA МЕХАНІЧНИЙ ПРОГРАМНИЙ ТАЙМЕР (ПЕРЕМИКАЧ) RO MD PRIZĂ DE CONEXIUNE CU PROGRAMARE MECANICĂ LT MECHANINIS LAIKMATIS LV MEHĀNISKAIS TAIMERIS EE MEHAANILINE TAIMER BG МЕХАНИЧЕН ТАЙМЕР С КАБЕЛ ЗА ВСЕКИДНЕВНА УПОТРЕБА CE www.emos.eu	[EMOS 15GD/3A Mechanical Timer - Programmable Power Socket](#) Control your appliances with the EMOS 15GD/3A Mechanical Timer. This programmable power socket offers precise 230V~ switching with a minimum 30-minute setting, ideal for automating daily routines and saving energy. Features include 16A/3680W max load and IP20 protection.
CHICAGO ELECTRIC DIGITAL TIMER FOR LAMPS AND APPLIANCES ELECTRICAL SAFETY Grounding	[Chicago Electric Digital Timer for Lamps and Appliances User Manual](#) User manual and guide for the Chicago Electric Power Tools Digital Timer (Item 95205). Covers specifications, safety precautions, operation, setting times, troubleshooting, and warranty information.

[Philips Home Power SPC1247AT/27 Digital Timer Instructions](#)

User manual for the Philips Home Power SPC1247AT/27 digital timer, detailing setup, programming options, override functions, and color options. Includes FCC compliance information and safety warnings.

[EZ Digital Timer Programming Guide: Setup, Operation, and Troubleshooting](#)

Comprehensive programming guide for the EZ Digital Timer (models DCIT-0002-DC, DCOT-0004-DC). Learn how to set delay start, run times, repeat modes, and troubleshoot common issues for indoor and outdoor use.