

## Schneider Electric SQR441U1LAWM

# Schneider Electric X Series 15A 125V Wi-Fi Energy Monitoring Socket Outlet User Manual

Model: SQR441U1LAWM

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your Schneider Electric X Series 15A 125V Wi-Fi Energy Monitoring Socket Outlet. This device integrates smart home functionality, allowing for remote control, energy monitoring, and compatibility with various smart home ecosystems via Matter certification.

## 2. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions before installing or using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Turn Off Power:** Always disconnect power at the circuit breaker or fuse box before installing or servicing the outlet.
- **Qualified Electrician:** If you are unsure about any part of these instructions, consult a qualified electrician.
- **Neutral Wire Required:** This device requires a neutral wire for proper operation. Verify that your electrical box has a neutral wire (typically white) before installation.
- **Indoor Use Only:** This product is designed for indoor use in dry locations only.
- **Voltage and Amperage:** Ensure the circuit voltage and amperage are compatible with the outlet's ratings (125V, 15A).
- **Tamper-Resistant:** This outlet features tamper-resistant receptacles for enhanced safety.

## 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Schneider Electric X Series 15A 125V Wi-Fi Energy Monitoring Socket Outlet
- Screwless Wall Plate (included with some models, or sold separately)

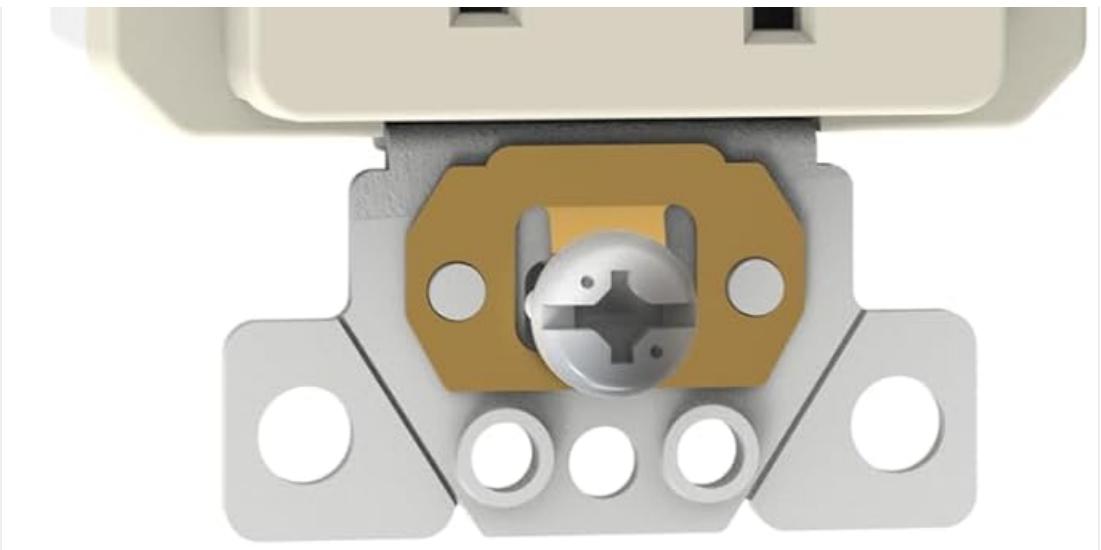
- Installation Screws

## 4. PRODUCT OVERVIEW

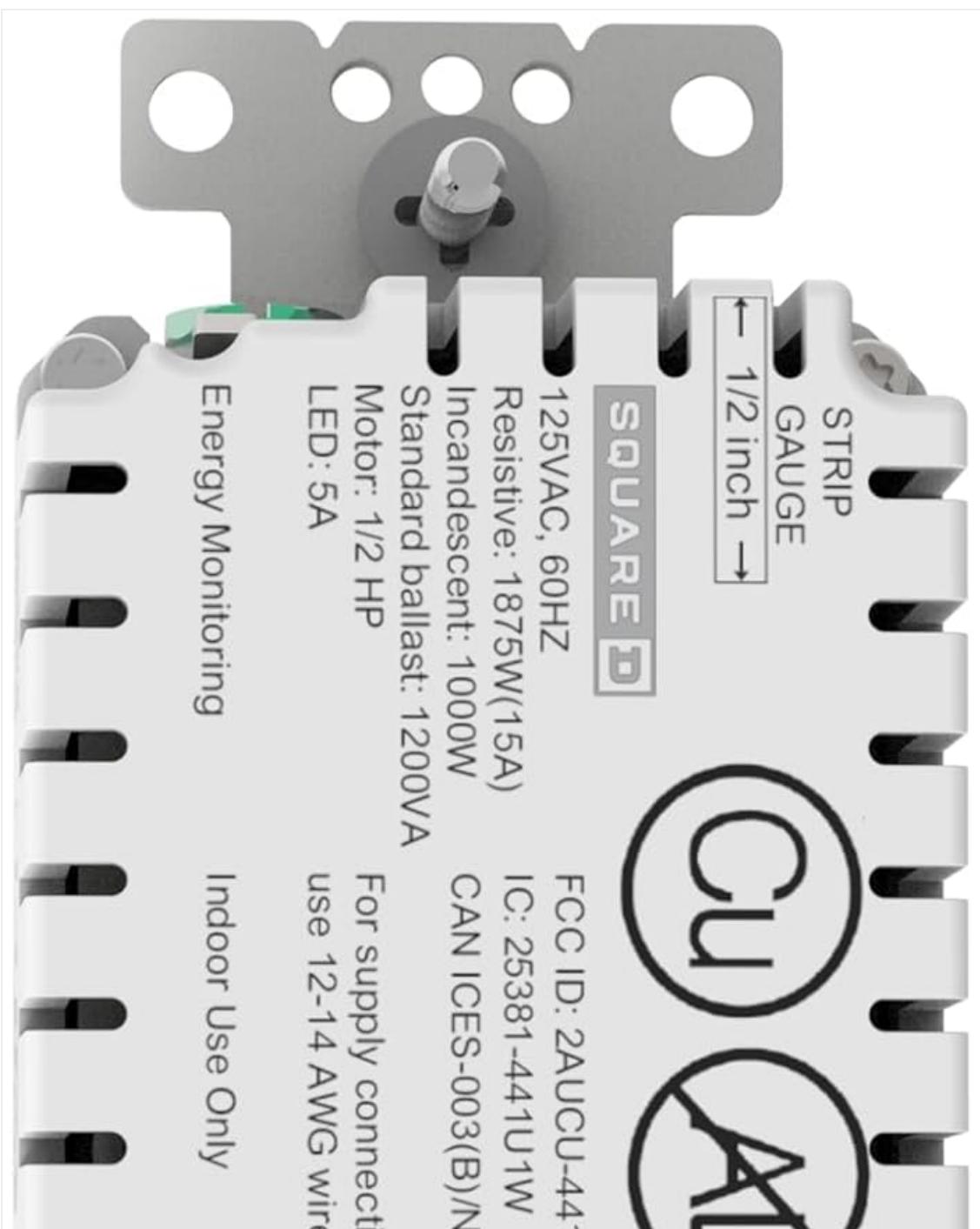
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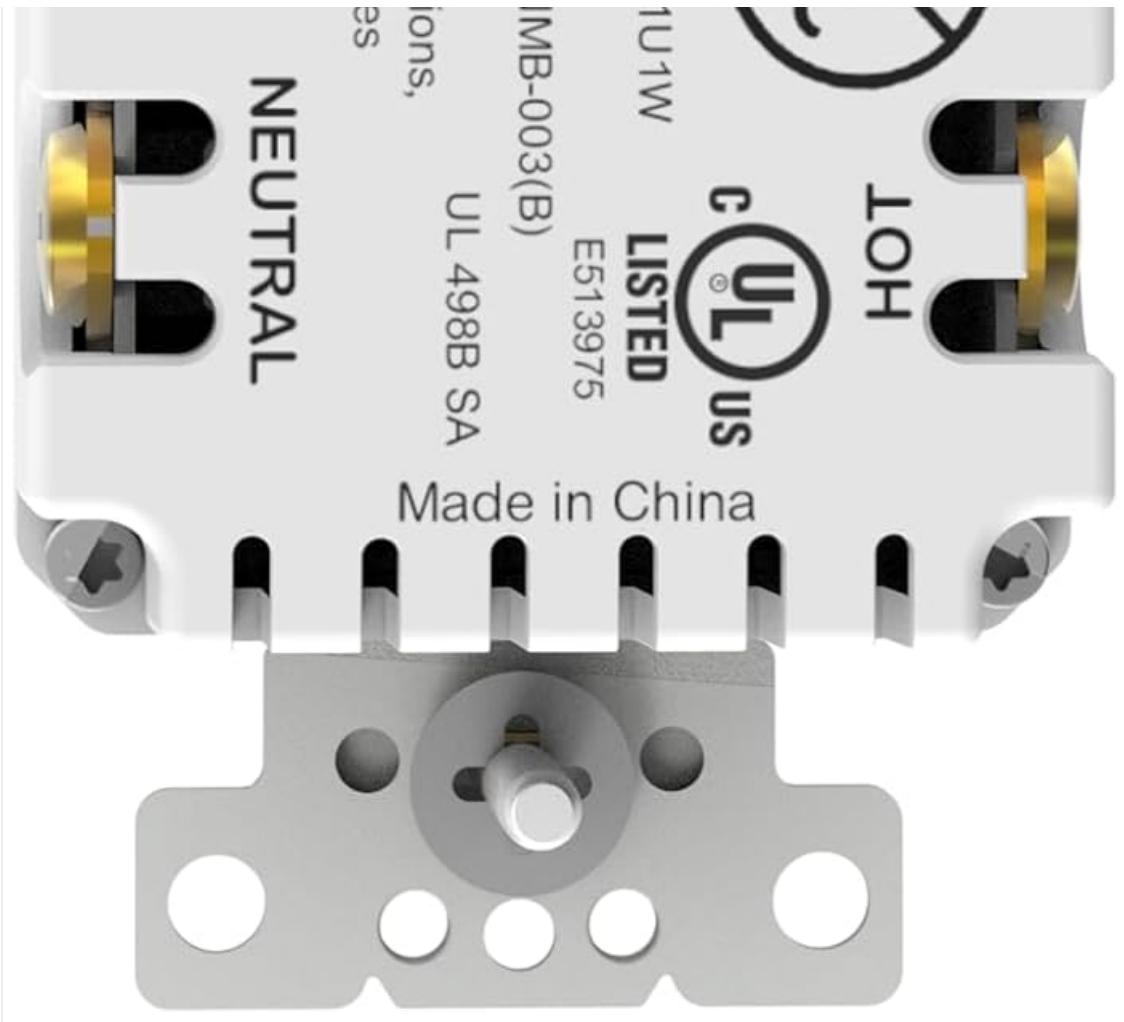
Familiarize yourself with the components of your smart outlet.





**Image 4.1:** Front view of the Schneider Electric X Series Wi-Fi Energy Monitoring Socket Outlet. It shows the two receptacles, a power button with an indicator light, and a Wi-Fi signal icon. The top receptacle is labeled 'Controlled'.





**Image 4.2:** Side view of the outlet, displaying the Wi-Fi logo, a QR code for pairing, and terminal screws for wiring connections.

- **Top Receptacle:** This outlet is controlled by the smart features (app, voice, schedule).
- **Bottom Receptacle:** This outlet is always on and not controlled by smart features.
- **Power Button/Indicator:** Press to manually turn the controlled outlet on/off. The indicator light shows the status (e.g., solid for on, blinking for pairing mode).
- **Wi-Fi Indicator:** Shows Wi-Fi connection status.
- **Wiring Terminals:** Screw terminals on the sides for connecting Hot, Neutral, and Ground wires.

## 5. INSTALLATION INSTRUCTIONS

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Follow these steps carefully to install your smart outlet.

1. **Turn Off Power:** At the circuit breaker or fuse box, turn off the power to the outlet you are replacing. Verify power is off using a voltage tester.
2. **Remove Old Outlet:** Unscrew and carefully pull the existing outlet from the wall box. Disconnect the wires, noting which wire was connected to which terminal (Hot, Neutral, Ground).
3. **Prepare Wires:** If necessary, strip approximately 1/2 inch of insulation from the ends of the electrical wires in the wall box. Ensure wires are straight and free of nicks.
4. **Connect Wires:**
  - Connect the **Hot (Black)** wire from the wall box to the brass screw terminal on the smart outlet.
  - Connect the **Neutral (White)** wire from the wall box to the silver screw terminal on the smart outlet.

- Connect the **Ground (Bare Copper or Green)** wire from the wall box to the green screw terminal on the smart outlet.

Ensure all connections are secure. This outlet supports 12-14 AWG wires.

5. **Mount Outlet:** Carefully push the wired outlet back into the wall box. Secure it with the provided mounting screws.
6. **Install Wall Plate:** Snap the screwless wall plate onto the outlet for a clean finish.
7. **Restore Power:** Turn the power back on at the circuit breaker. The outlet's indicator light should illuminate.

## 6. Wi-Fi AND SMART HOME SETUP

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Your X Series outlet is Matter certified, allowing for seamless integration with various smart home platforms.

1. **Download the Schneider Home App:** Search for "Schneider Home" in your device's app store (iOS or Android) and download the application.
2. **Create an Account:** Open the app and follow the prompts to create a new user account or log in if you already have one.
3. **Add Device:** In the Schneider Home app, select the option to add a new device. The app will guide you through the pairing process.
4. **Matter Pairing:** The outlet supports Matter. You can typically initiate pairing by scanning the QR code located on the side of the device (refer to Image 4.2) or by entering a numerical code provided with the product. Ensure your smart home hub (e.g., Apple HomePod, Google Nest Hub, Amazon Echo) is within range and in pairing mode.
5. **Wi-Fi Connection:** The app will prompt you to connect the outlet to your 2.4GHz Wi-Fi network. Ensure your phone is connected to the same 2.4GHz network during setup.
6. **Integrate with Voice Assistants:** Once paired with the Schneider Home app or your Matter-compatible smart home system, you can link it to voice assistants like Amazon Alexa, Google Assistant, or Apple Home for voice control. Follow the instructions within your preferred smart home app to enable this integration.



**Image 6.1:** The Schneider Electric X Series outlet shown alongside a smartphone displaying the Schneider Home app interface, which lists various smart plugs and their energy usage.

## 7. OPERATING THE SMART OUTLET

You can control your smart outlet in several ways:

- **Manual Control:** Press the power button on the front of the outlet to manually turn the controlled receptacle on or off.
- **App Control:** Use the Schneider Home app or your integrated smart home app (e.g., Apple Home, Google Home, Alexa app) to remotely turn the controlled receptacle on/off, set schedules, or create automation routines.
- **Voice Control:** Once integrated with a voice assistant, use commands such as "Alexa, turn on the kitchen outlet" or "Hey Google, turn off the lamp."
- **Energy Monitoring:** The Schneider Home app provides real-time energy consumption data for the controlled receptacle. This allows you to monitor power usage and identify opportunities for energy savings.

## 8. MAINTENANCE

The Schneider Electric X Series outlet requires minimal maintenance.

- **Cleaning:** To clean the outlet, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.
- **Firmware Updates:** Periodically check the Schneider Home app for available firmware updates to ensure optimal performance and security.

## 9. TROUBLESHOOTING

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If you encounter issues with your smart outlet, refer to the following common solutions:

- **Outlet Not Responding:**
  - Check if the circuit breaker is tripped.
  - Ensure the outlet is receiving power.
  - Verify the power button indicator light is on.
- **Cannot Connect to Wi-Fi / Pairing Issues:**
  - Ensure your Wi-Fi network is 2.4GHz. This device may not connect to 5GHz networks.
  - Move the outlet closer to your Wi-Fi router during the initial setup.
  - Temporarily disable any mesh Wi-Fi satellites or 5GHz bands on your router during pairing, if possible.
  - Restart your Wi-Fi router and try the pairing process again.
  - Perform a factory reset on the outlet (refer to the Schneider Home app or manufacturer's website for specific instructions).
  - Ensure your smart home hub (for Matter pairing) is updated and functioning correctly.
- **Energy Monitoring Not Working:**
  - Verify the outlet is properly connected to Wi-Fi and the Schneider Home app.
  - Ensure the device plugged into the controlled outlet is drawing power.
  - Check for app updates or firmware updates for the outlet.
- **Voice Control Not Working:**
  - Confirm the outlet is successfully linked within your voice assistant's app (Alexa, Google Home, Apple Home).
  - Ensure your voice commands are clear and match the device name configured in your smart home app.

## 10. TECHNICAL SPECIFICATIONS

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**Image 10.1:** Product label detailing electrical specifications, including voltage, amperage, wattage, and certifications.

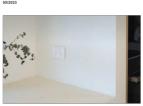
Feature	Value
Model Number	SQR441U1LAWM
Voltage	125 Volts AC
Amperage	15 Amps
Wattage	600 Watts (LED: 5A, Incandescent: 1000W, Standard ballast: 1200VA, Motor: 1/2 HP)
Connectivity	Wi-Fi, Matter Certified
Material	Plastic
Dimensions (Package)	4.92 x 3.15 x 2.17 inches
Item Weight	5.7 ounces
Certifications	REACH, RoHS, cUL Listed (E513975)
Operating Environment	Indoor Use Only

## 11. WARRANTY AND SUPPORT

Schneider Electric products are designed for reliability and performance. This product is covered by a manufacturer's warranty. For specific warranty terms, technical support, or service inquiries, please refer to the official Schneider Electric website or contact their customer support directly. Keep your proof of purchase for warranty claims.

**Online Resources:** Visit the [Schneider Electric website](#) for additional product information, FAQs, and support documentation.

### Related Documents - SQR441U1LAWM

 <b>Iconic Connected Twin 10 A Socket</b> Device user guide Information about features and functionality of the device Version 1.0	<p><a href="#">Iconic Connected Twin 10 A Socket User Guide</a></p> <p>User guide for the Schneider Electric Iconic Connected Twin 10 A Socket, detailing installation, pairing (Zigbee/Bluetooth), app control via Wiser by SE, scheduling, automation, and troubleshooting.</p>
 <b>Wiser Home</b> System User Guide (Sweden, Finland)	<p><a href="#">Schneider Electric Wiser Home System User Guide for Sweden and Finland</a></p> <p>Comprehensive user guide for the Schneider Electric Wiser Home system, covering setup, device integration, configuration, and troubleshooting for users in Sweden and Finland. Learn to manage your smart home devices efficiently.</p>

 <p>Odace - Connected Single Socket Outlet 16 A Wiser Home Device user guide</p> <p>Information about features and functionality of the device</p> <p>00000</p> <p><b>Schneider</b></p>	<p><a href="#"><u>Odace - Connected Single Socket Outlet 16 A User Guide</u></a></p> <p>Comprehensive user guide for the Odace - Connected Single Socket Outlet 16 A, detailing features, installation, operation, and troubleshooting for the Wiser Home Device.</p>
 <p>Schneider Electric SQR226U1**W Wi-Fi Dimmer Switch: Installation and Operation Guide</p>	<p>This document provides comprehensive instructions for the Schneider Electric SQR226U1**W Wi-Fi 600W Dimmer Switch with Energy Monitoring. It covers installation, wiring diagrams, operation, local and app control, troubleshooting, specifications, and safety precautions.</p>
 <p>Substation Monitoring Device Instruction Bulletin</p> <p>Manual de Utilizador do dispositivo</p> <p>00000</p> <p><b>Schneider</b></p>	<p><a href="#"><u>Schneider Electric Substation Monitoring Device Instruction Bulletin</u></a></p> <p>This Schneider Electric Instruction Bulletin for the Substation Monitoring Device (SMD), model QGH51397, provides comprehensive guidance on its monitoring, tracking, and measuring functions. Learn about system architecture, safety protocols, HMI usage, and troubleshooting for industrial substation applications.</p>
 <p>Tomada Wiser Manual do Utilizador do dispositivo</p> <p>00000</p> <p><b>Schneider</b></p>	<p><a href="#"><u>Manual do Utilizador da Tomada Inteligente Wiser - Schneider Electric</u></a></p> <p>Descubra como instalar, emparelhar, configurar e utilizar a Tomada Inteligente Wiser (modelos CCTFR6501, CCTFR6500) da Schneider Electric. Este manual fornece informações detalhadas sobre funcionalidades, controlo por voz, automatizações e gestão de energia para otimizar o uso do seu dispositivo.</p>

## Documents - Schneider Electric – SQR441U1LAWM



### [\[pdf\] Dimension Guide Declaration of Conformity Accessories Catalog](#)

Load Centers Digest Section 1 miniature circuit breakers QO Center Homeline value packs and accessories for CSEDs solar ready plug on neutral PON accessories hubs energy monitoring wiring devices Schneider Electric files p File Name Catalog 0100CT2401 SEC 01 Doc Ref enDocType schneider electric |||

LOAD CENTERS 1 QOTM Miniature Circuit Breakers QOTM Load Centers HomelineTM Miniature Circuit Breakers, 15A, decorator, tamper resistant, WiFi, Matter, light almond, matte finish, neutral required **SQR441U1LAWM** 1 Socket-outlet, X Series, 15A, decorator, tamper resistant, WiFi, Matter, Grey, matt...

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## [pdf] Dimension Guide Declaration of Conformity Accessories Catalog

Load Centers Digest Section 1 miniature circuit breakers QO Center Homeline value packs and accessories for CSEDs solar ready plug on neutral PON accessories hubs energy monitoring wiring devices Schneider Electric QO24L70RB center phase 2 spaces 4 circuits 70A fixed main lugs NEMA3R USA files p enDocType Catalog File Name 0100CT2401 SEC 01 Doc Ref schneider electric |||

### LOAD CENTERS 1 QOTM Miniature Circuit Breakers QOTM Load Centers

HomelineTM Miniature Circuit Breakers, 15A, decorator, tamper resistant, WiFi, Matter, light almond, matte finish, neutral required **SQR441U1LAWM** 1 Socket-outlet, X Series, 15A, decorator, tamper resistant, WiFi, Matter, Grey, matt...

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## [pdf] Dimension Guide Accessories Catalog

Load Centers Section 1 Digest 179 2024 60A Spa afci afi breaker box panel cafi catalog digestg circuit enclosures combination service entrance device csed digest 177 178 section dual function electrical residential enclosed breakers servicepak power outlet devices energy center gfci handle padlock attachment homc main knockout load centre loadcenter loadcentre mai c Schneider Electric Grainger e221233760fe9f3dd4a89ca6796046ce3a101e18xx7ced9czoro static cms enhanced e221233760fe9f3dd4a89ca6796046ce3a101e18xx7ced9c |||

### LOAD CENTERS 1 QO Miniature Circuit Breakers QO Load Centers Homeline Miniature Circuit Breakers, 15A, decorator, tamper resistant, WiFi, Matter, light almond, matte finish, neutral required **SQR441U1LAWM** 1 Socket-outlet, X Series, 15A, decorator, tamper resistant, WiFi, Matter, Grey, matt...

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## [pdf] Dimension Guide Accessories Catalog

Load Centers Section 1 Digest 179 2024 60A Spa afci afi breaker box panel cafi catalog digestg circuit enclosures combination service entrance device csed digest 177 178 section dual function electrical residential enclosed breakers servicepak power outlet devices energy center gfci handle padlock attachment homc main knockout load centre loadcenter loadcentre mai c Schneider Electric Catalog Square D QU816D400SL southernpipe ASSETS DOCUMENTS CMS EN |||

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lang:en score:9 filesize: 4.68 M page\_count: 52 document date: 2024-08-01