

Shelly 1PM Gen4

Shelly 1PM Gen4 Smart Relay Switch User Manual

Model: 1PM Gen4

Brand: Shelly

INTRODUCTION

This manual provides comprehensive instructions for the installation, setup, operation, and maintenance of your Shelly 1PM Gen4 Smart Relay Switch. The Shelly 1PM Gen4 is a versatile device designed to enhance your home automation experience with Wi-Fi, Zigbee, and Matter connectivity, alongside precise power monitoring capabilities.

It allows for remote control of appliances and integrates seamlessly into various smart home ecosystems, including Alexa, Google Home, and Apple HomeKit. Its compact design facilitates easy integration behind most standard wall switches and sockets.



Image: The Shelly 1PM Gen4 smart relay switch shown with its product packaging.

SAFETY INFORMATION

Please read this guide carefully before commencing any installation or operation. Failure to follow these instructions may lead to malfunction, electrical hazard, or injury.

- Ensure the power supply is disconnected before installation or maintenance.
- Installation should be performed by a qualified electrician or person with knowledge of electrical systems.
- The device is designed for indoor use only.
- Do not expose the device to moisture or extreme temperatures.
- Adhere to all local electrical codes and regulations.
- The device must be connected to a circuit protected by a circuit breaker.

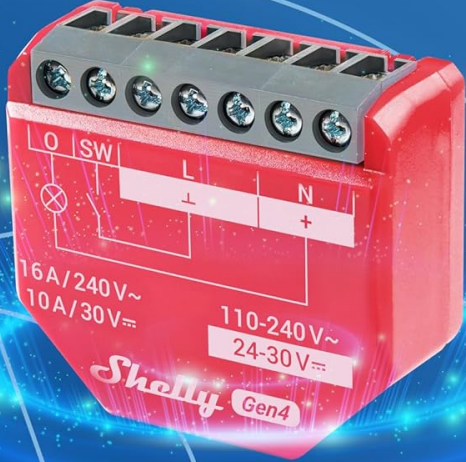
PACKAGE CONTENTS

- 1 x Shelly 1PM Gen4 Smart Relay Switch
- 1 x User Manual

PRODUCT FEATURES

- **Multi-protocol Connectivity:** Supports Wi-Fi, Zigbee, and Matter for broad compatibility.
- **Power Metering:** Real-time tracking of appliance power consumption.
- **Bluetooth Gateway:** Enhances smart home connectivity.
- **Compact Design:** Fits behind most wall switches and sockets.
- **High Current Rating:** Supports up to 16 A at 240 VAC and 10 A at 30 VDC.
- **Internal Temperature Sensor:** For device protection and monitoring.
- **Smart Schedules and Scenes:** Automate device behavior based on time or events.
- **Advanced Integration:** Supports HTTP, MQTT, Webhooks, and KNX net.
- **Virtual Components & Scripting:** For advanced customization.





A red Shelly Gen4 smart switch module with a grey terminal block on top. The front panel shows a switch symbol, labels for 'O', 'SW', 'L', 'N', and '+', and voltage ratings: '16 A / 240 V~', '10 A / 30 V~', '110-240 V~', and '24-30 V~'. The Shelly Gen4 logo is at the bottom.

WHAT'S NEW ABOUT GEN4?



Matter-certified -
Easy integration into
any Matter ecosystem



Zigbee-enabled -
Along with Wi-Fi
& Bluetooth



Powerful ESP-Shelly-C68F
Shelly chip with double
the memory (8 MB)

Image: Overview of new features in Gen4, including Matter certification, Zigbee enablement, and powerful ESP-Shelly-C68F chip.

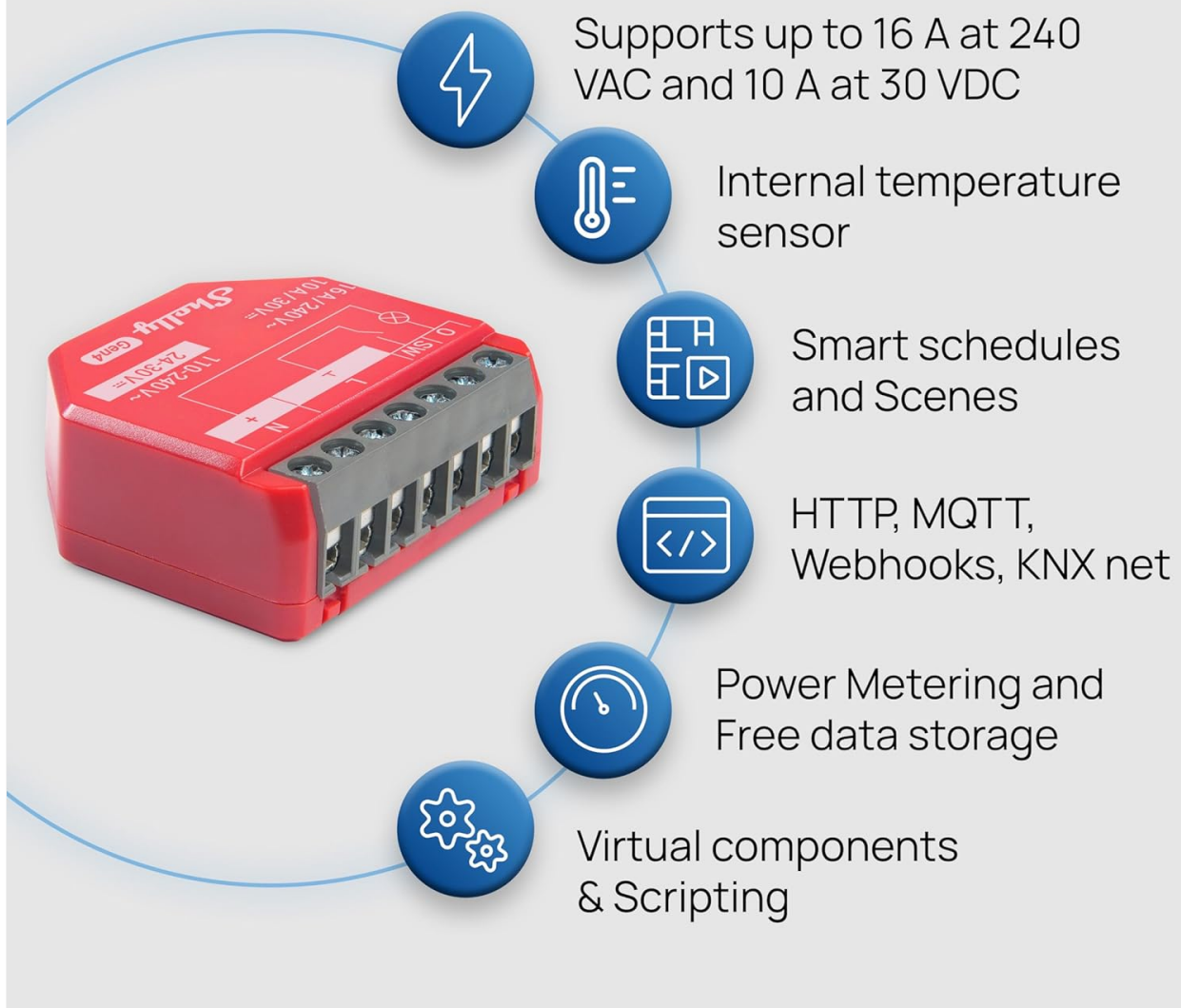


Image: Key features such as 16A support, internal temperature sensor, smart schedules, HTTP/MQTT support, power metering, and scripting.

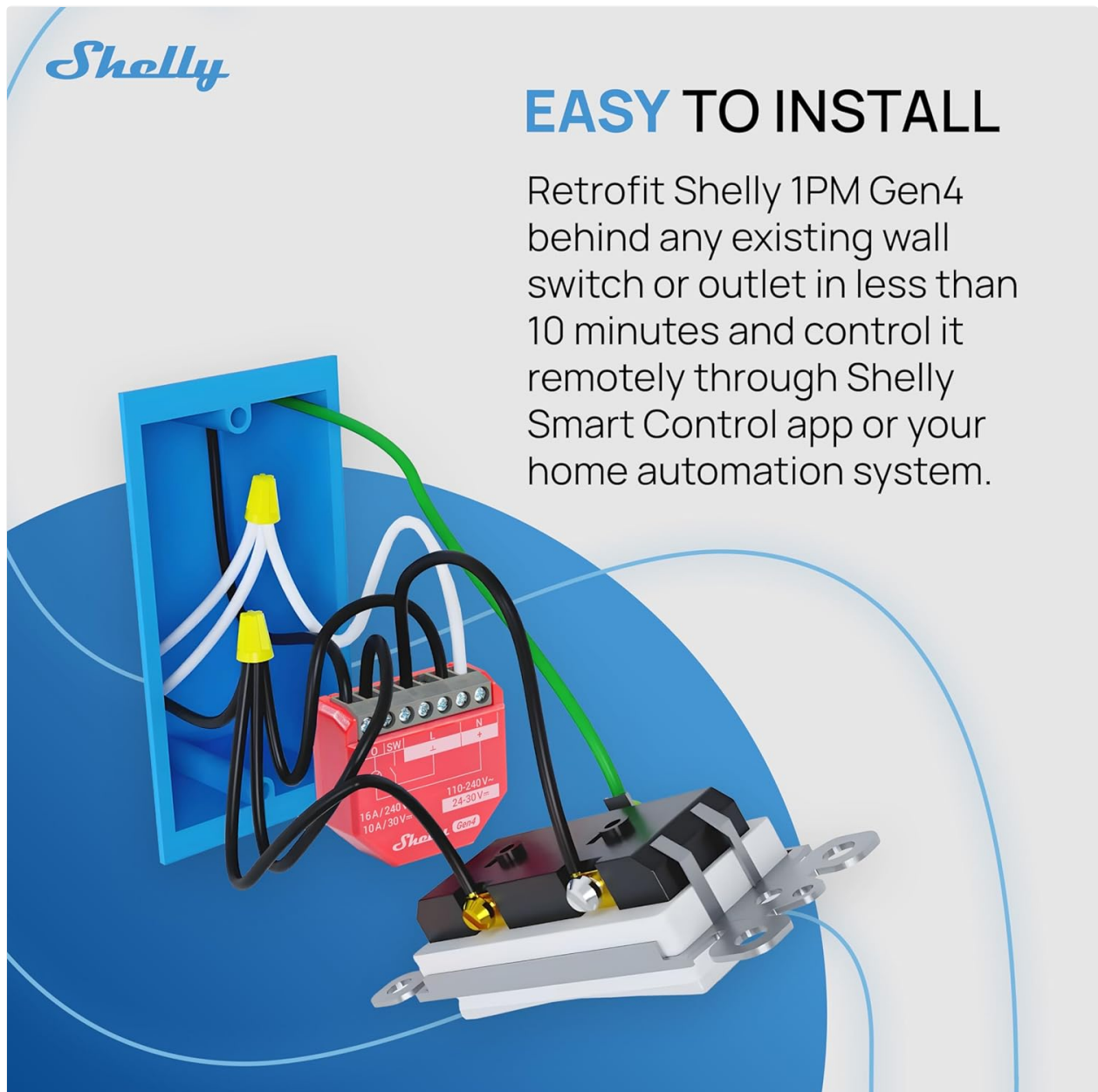


Image: Visual summary of Shelly 1PM Gen4 features including Shelly chip, energy tracking, remote control, 10-minute installation, and compatibility with Alexa, Google, Siri.

INSTALLATION

The Shelly 1PM Gen4 is designed for easy retrofit installation behind existing wall switches or outlets. Ensure power is disconnected before proceeding.

1. **Disconnect Power:** Turn off the main circuit breaker to the area where you will be installing the device. Verify power is off using a voltage tester.
2. **Wiring:** Connect the Shelly 1PM Gen4 according to the wiring diagram provided with your device and local electrical codes. The device typically requires Live (L), Neutral (N), and a switched output (O) to the load, along with a switch input (SW) if using a physical switch.
3. **Mounting:** Carefully place the Shelly 1PM Gen4 module into the wall box behind the switch or outlet, ensuring no wires are pinched.
4. **Restore Power:** Once installed and secured, restore power at the circuit breaker.



EASY TO INSTALL

Retrofit Shelly 1PM Gen4 behind any existing wall switch or outlet in less than 10 minutes and control it remotely through Shelly Smart Control app or your home automation system.

Image: An illustration demonstrating how to install the Shelly 1PM Gen4 behind a standard wall outlet.

Note: If you are unsure about any step, consult a qualified electrician.

SETUP AND CONFIGURATION

The Shelly 1PM Gen4 offers flexible setup options via Wi-Fi, Zigbee, or Matter protocols.

Initial Device Inclusion

1. **Download the Shelly Smart Control App:** Available for iOS and Android devices.
2. **Wi-Fi or Bluetooth Inclusion:** Open the Shelly Smart Control App and follow the on-screen instructions to connect the device via Wi-Fi or Bluetooth.
3. **Zigbee Pairing:** To pair with a Zigbee network, press the reset button on the device 5 consecutive times. The device will enter pairing mode.
4. **Matter Integration:** Scan the QR code provided on the device or its packaging using a Matter-compatible app to include it in your Matter ecosystem.



Image: Steps for connecting to the Shelly App via Wi-Fi/Bluetooth, pairing with Zigbee, and scanning a QR code for Matter inclusion.

App Control

The Shelly Smart Control App allows you to:

- Remotely control your Shelly 1PM Gen4.
- Receive notifications for automated events.
- Configure device settings individually.
- Create personalized scenes by combining Shelly devices.

OPERATION

Once configured, the Shelly 1PM Gen4 can be operated in several ways:

- **Manual Control:** Use the connected physical wall switch to toggle the load.
- **App Control:** Use the Shelly Smart Control App from your smartphone or tablet to turn devices on/off.
- **Voice Commands:** Integrate with smart assistants like Amazon Alexa, Google Home, and Apple HomeKit for voice-activated control.
- **Automated Schedules:** Set up schedules within the app to automate lighting, appliances, or other connected devices based on time, sunrise/sunset, or other conditions.
- **Smart Scenes:** Create custom scenes to trigger multiple actions with a single command or event.



VOICE COMMAND AND SHELLY SMART CONTROL APP



Works with
Apple HomeKit



WORKS WITH
amazon alexa



works with
Google Home



Works with
Samsung SmartThings



Image: The Shelly 1PM Gen4 is compatible with major smart home platforms including Apple HomeKit, Amazon Alexa, Google Home, and Samsung SmartThings.



Image: Illustrations of smart home automation scenarios, such as scheduled lighting, fan control based on temperature, water heater automation, and voice control for kitchen appliances.

The Shelly 1PM Gen4 features integrated power metering, allowing you to track the real-time energy consumption of connected appliances.

- **Identify Energy Hogs:** Monitor devices like water heaters, kitchen appliances, and washing machines to identify high-consumption items.
- **Optimize Usage:** Use the data to adjust usage patterns and create smart schedules that run appliances during off-peak hours to reduce electricity costs.
- **Historical Data:** Access historical consumption data through the Shelly Smart Control App to analyze trends and make informed decisions about energy efficiency.



Image: A visual representation of how automating lighting and other appliances can help control, measure, and reduce electricity costs.

MAINTENANCE

To ensure optimal performance and longevity of your Shelly 1PM Gen4:

- **Cleaning:** Gently wipe the device with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.

- **Firmware Updates:** Regularly check for and install firmware updates through the Shelly Smart Control App to benefit from new features and security enhancements.
- **Environmental Conditions:** Ensure the device operates within its specified temperature and humidity ranges.

TROUBLESHOOTING

If you encounter issues with your Shelly 1PM Gen4, consider the following:

- **No Power:** Check the circuit breaker and wiring connections. Ensure the device is receiving power.
- **Connectivity Issues:**
 - Verify your Wi-Fi network is active and the device is within range.
 - For Zigbee, ensure your Zigbee hub is operational and the device is properly paired.
 - For Matter, confirm your Matter controller is active and the device is included.
 - Try restarting your Wi-Fi router or smart home hub.
- **Device Unresponsive:** Perform a factory reset by pressing the reset button as per the setup instructions (usually 5 consecutive presses for Zigbee pairing, which can also reset some states). Refer to the official Shelly support documentation for specific reset procedures.
- **App Issues:** Ensure your Shelly Smart Control App is updated to the latest version. Try restarting the app or your smartphone.

For more detailed troubleshooting, visit the Shelly support website.

SPECIFICATIONS

Feature	Detail
Model Number	3800238070717
Product Dimensions	0.63 x 1.65 x 1.46 inches
Weight	0.92 ounces
Current Rating	16 Amps
Connector Type	Screw
Contact Material	Steel
Mounting Type	Wall Mount
Connectivity	Wi-Fi, Zigbee, Matter, Bluetooth
Wi-Fi Range	Up to 100 ft indoors, 160 ft outdoors
Zigbee Range	Up to 328 ft indoors, 984 ft outdoors
Bluetooth Range	Up to 33 ft indoors, 100 ft outdoors



Shelly

1.65 in

1.46 in

O SW L N

16 A / 240 V~ 110-240 V~
10 A / 30 V~ 24-30 V~

Shelly Gen4

 Zigbee 802.15.4: Up to 328 ft indoors and 984 ft outdoors

 Wi-Fi 802.11 b/g/n/ax: Up to 100 ft indoors and 160 ft outdoors

 Bluetooth 5.0: Up to 33 ft indoors and 100 ft outdoors

* Bluetooth is used for inclusion purposes at Shelly Smart Control app and acting as a gateway for the Shelly BLU series.

Image: Physical dimensions of the Shelly 1PM Gen4 and its wireless connectivity ranges for Zigbee, Wi-Fi, and Bluetooth.

WARRANTY AND SUPPORT

Shelly provides professional support and a 3-year device warranty for the Shelly 1PM Gen4.

For further assistance, including knowledge base articles, technical support, and community forums, please visit the official Shelly support website:

[Shelly Support Home](https://shelly.com/support)



Image: Scan this QR code for direct access to Shelly's support resources.

Related Documents - 1PM Gen4

	Shelly 2PM Gen4: Smart Dual-Channel Relay Switch User Manual & Specifications Comprehensive guide to the Shelly 2PM Gen4, a compact 2-channel smart switch with power monitoring, remote control, Zigbee, Bluetooth, and Matter compatibility. Includes installation, specifications, safety features, and compliance information.
	Shelly 2PM Gen4 Smart Switch User Manual and Specifications Detailed user manual and technical specifications for the Shelly 2PM Gen4, a dual-channel smart switch with power monitoring, supporting Wi-Fi, Zigbee, and Matter. Includes installation instructions, safety features, and compliance information.
	Shelly 2PM Gen4 Gwida għall-Utent u s-Sigurtà Gwida komprensiva għall-utent u s-sigurtà għall-apparat tad-dar intelligenti Shelly 2PM Gen4, li tkopri installazzjoni, karatteristiċi, speċifikazzjonijiet u konformità.
	Shelly 2PM Gen4 Smart Switch: User Manual and Specifications Comprehensive guide to the Shelly 2PM Gen4 dual-channel smart switch, covering identification, features, specifications, installation, and safety information. Supports Wi-Fi, Zigbee, and Matter.
	Shelly 1PM Gen4 Smart Switch: Features, Specifications, and Use Cases Detailed information on the Shelly 1PM Gen4, a compact smart switch with power measurement, Wi-Fi, Bluetooth, and Zigbee connectivity. Explore its features, use cases, technical specifications, and integration capabilities for smart home automation.

Shelly 1 Gen4



Device identification

- Device name: Shelly 1 Gen4
- Device model: S486-00P000
- Device ID: Shelly-1-XXXXXX
- Device MAC: 00:00:00:00:00:00

Short description

Shelly 1 Gen4 is a compact smart switch with potential-free contacts, which allows remote control of electric appliances through a mobile phone, tablet, PC, or home automation system. It can work standalone in a local Wi-Fi network or it can also be operated through cloud home automation services.

Shelly 1 Gen4 can be accessed, controlled and monitored remotely from any place where the user has Internet connectivity, as long as the device is connected to a Wi-Fi network.

Shelly 1 Gen4: Smart Wi-Fi Relay Switch for Home Automation

Detailed overview of the Shelly 1 Gen4, a compact smart switch with potential-free contacts. Learn about its features, connectivity (Wi-Fi, Bluetooth, Zigbee), integrations with smart home platforms, technical specifications, and use cases for residential and commercial applications.

Documents - Shelly – 1PM Gen4

Shelly 1PM Gen4 - Shelly 1PM Gen4



Device identification

- Device name: Shelly 1PM Gen4
- Device model: S486-00P000
- Device ID: Shelly-1PM-XXXXXX
- Device MAC: 00:00:00:00:00:00

Short description

Shelly 1PM Gen4 is a compact smart switch with power measurement, which allows remote control of electric appliances through a mobile phone, tablet, PC, or home automation system. It can work standalone in a local Wi-Fi network or it can also be operated through cloud home automation services.

Shelly 1PM Gen4 can be accessed, controlled and monitored remotely from any place where the user has Internet connectivity, as long as the device is connected to a Wi-Fi network.

It can be controlled via standard electrical wall boxes, terminal power sockets and light switches or other places with limited space.

Shelly 1PM Gen4 has embedded Web interface which can be used to monitor and control the device, as well as adjust its settings.

The device has high-precision sensors which provide Zigbee and Bluetooth connectivity ensuring a secure connection.

This device is compatible with Matter.

Main features

- Wi-Fi Connectivity: The device can connect to your home Wi-Fi network, allowing you to remotely monitor humidity and temperature data through a smartphone app or other compatible devices.
- Bluetooth Connectivity: Bluetooth and Zigbee gateways are available for installation purposes, which may be useful during the setup process.
- Zigbee Connectivity: Zigbee is available for installation purposes, which may be useful during the setup process.
- Integration with Smart Home Platforms: You can integrate the Shelly 1PM Gen4 with popular smart home platforms, including Google, Alexa, and Samsung SmartThings. This enables more convenient automation capabilities through these platforms.
- Smart Switch with Power Measurement: Such as an smart switch with the added capability of measuring power consumption, allowing you to monitor the energy usage of connected appliances.

Shelly 1PM Gen4 Smart Switch: Features, Specifications, and Use Cases

Detailed information on the Shelly 1PM Gen4, a compact smart switch with power measurement, Wi-Fi, Bluetooth, and Zigbee connectivity. Explore its features, use cases, technical specifications, and integration capabilities for smart home automation.

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Shelly 1PM Gen4



Wiring diagram

Wiring diagram showing the connection of the Shelly 1PM Gen4 smart switch to the power supply and load circuit. The diagram includes terminals for power supply (L, N), load circuit output (O), and switch input (SW).

Legend

Legend for the wiring diagram:

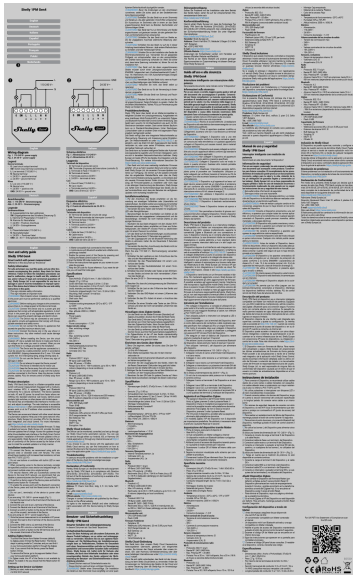
- O: Load circuit output terminal
- SW: Switch input terminal controlling O
- L: Line (power supply)
- N: Neutral (power supply)

[pdf] Guide Diagram

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Shelly 1PM Gen4 English Deutsch Italiano Español Portugus Français Polski Nederlands L 110-240 V- N English Wiring diagram Fig. 1. 110-240 V- power supply Fig. 2. 24-30 V power supply Legend Device terminals O: Load circuit output terminal SW: Switch input terminal controlling O L...

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[\[pdf\]](#) Guide Diagram

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SW: Switch input terminal controlling O L...

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[\[pdf\]](#) Specifications

SHELLY 1PM GEN4 specifications ComX Computers shelly 1pm gen4 ComputersSHELLY Shelly Gen4

Compact Smart Switch With Power Monitoring Multiprotocol Support Specifications are subject to change

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SHELLY 1PM GEN4 Shelly 1PM Gen4 Compact Smart Switch With Power Monitoring

Multiprotocol Support Specifications are subject to change without notice. Images

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<https://www.comx-computers.co.za> SHELLY **1PM GEN4** Compact Smart Swit...

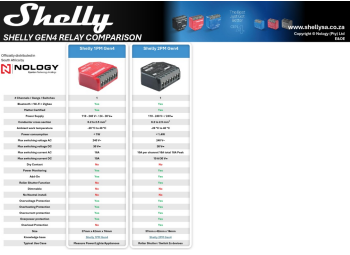
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Shelly 1PM Gen4 EU Declaration of Conformity

Official EU Declaration of Conformity for the Shelly 1PM Gen4 smart switch with power measurement, confirming compliance with relevant EU directives and harmonized standards.

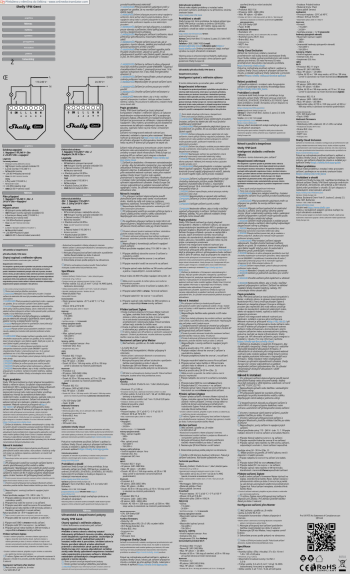
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Shelly Gen4 Relay Comparison: 1PM Gen4 vs 2PM Gen4

Compare the technical specifications and features of the Shelly 1PM Gen4 and Shelly 2PM Gen4 smart home relays. Discover differences in channels, connectivity, power handling, and typical use cases.

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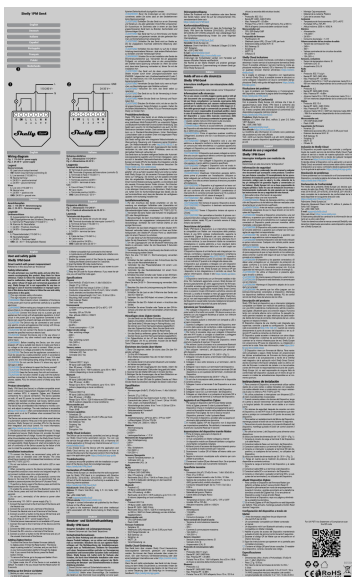
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[Shelly Product Catalogue: Smart Home & Facility Automation](#)

Explore the comprehensive Shelly product catalogue featuring smart home and facility automation devices. Discover relays, dimmers, energy meters, sensors, and control panels designed for modern living.

lang:en score:27 filesize: 12.05 M page_count: 67 document date: 2025-09-02



[Shelly 1PM Gen4 EU Declaration of Conformity](#)

Official EU Declaration of Conformity for the Shelly 1PM Gen4 smart switch, confirming compliance with essential European Union directives for safety, electromagnetic compatibility, and radio equipment standards.

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[Shelly LoRa Add-on: Long-Range IoT Connectivity for Shelly Devices](#)

Discover the Shelly LoRa Add-on, a compact device extending reliable, long-range communication up to 5 km for Shelly Gen3 and Gen4 devices. Ideal for smart city infrastructure, remote facilities, precision agriculture, and more. Explore features, specifications, and use cases.

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complies with standards listed herein and notifies the certificate holder to affix the Regulatory Compliance Mark RCM mark on the product

Certificate of Suitability Global-Mark Pty. Ltd., certify the electrical equipment described hereun ... building in To be further enclosed End of document Certificate of Suitability Model Number Shelly 1PM Gen4 S4SW-001P16EU Rating 110-240VAC, 50/60Hz, Max. 16A 110-240VAC, 50/60Hz, Max. 16A This c...

lang:en score:23 filesize: 332.36 K page_count: 2 document date: 2025-03-29



17.04.2025, 13:53

Shelly LoRa Add-on

Knowledge Base / Devices / Add-ons

Shelly LoRa Add-on

LoRa Add-on

EU 868, 863-870 MHz
US 915, 902-928 MHz
AU 915-928, 915-928 MHz

Shelly

Short description

Unlock up to 5 km of reliable communication with the Shelly LoRa Add-on. Designed for Shelly Gen3 and Gen4 devices, it redefines long-range connectivity, delivering secure performance in open spaces and dependable operation even in challenging environments.

Break barriers and extend control where other technologies can't reach. This compact add-on is perfect for automating city infrastructure, managing remote facilities, or optimizing precision agriculture. It supports custom scripts, giving you the flexibility to tailor functionality for the specific use case.

Easy to set up and transformative in its impact. Available now for EU868, with US915 and AU915-928 coming soon.

Main features

Here this article showcases knowledge base article from add-on

[Shelly LoRa Add-on: Long-Range IoT Connectivity for Shelly Devices](#)

Discover the Shelly LoRa Add-on, a compact module extending Shelly Gen3 and Gen4 devices with up to 5 km of reliable, secure, long-range communication. Ideal for smart city infrastructure, remote facilities, and precision agriculture.

lang:en score:23 filesize: 310.75 K page_count: 6 document date: 2025-04-17

Shelly Plus Add-on

Shelly Plus Add-on

Device Identification

Shelly Plus Add-on (The Device) is a galvanically isolated sensor interface to the Shelly Plus and Gen3 devices.

Short description

Shelly Plus Add-on (The Device) is a galvanically isolated sensor interface to the Shelly Plus and Gen3 devices.

Main applications

- Residential
 - Wired Smart Building (e.g., apartments, condominiums, hotels, etc.)
 - Light commercial (small office buildings, small manufacturing/gas station, etc.)
 - Agricultural (greenhouses, hotbeds, nurseries, etc.)
- Commercial/Industrial
 - University/College

Future integrations

- Smart
- Energy
- Security
- Smart City/Edge

[Shelly Plus Add-on: Galvanically Isolated Sensor Interface for Shelly Devices](#)

Detailed overview of the Shelly Plus Add-on, a galvanically isolated sensor interface for Shelly Plus and Gen3 devices. Features include supported sensors, electrical specifications, and compatibility with various Shelly devices.

lang:en score:21 filesize: 281.33 K page_count: 5 document date: 2025-07-02

Shelly

Expanding the POSSIBILITIES

PRODUKT KATALOG

SMART HOME UND GEBÄUDEAUTOMATISIERUNG

[Shelly Produktkatalog: Smart Home und Gebäudeautomatisierung](#)

Entdecken Sie den Shelly Produktkatalog für Smart Home und Gebäudeautomatisierung. Finden Sie eine breite Palette an intelligenten Geräten für Beleuchtung, Energiemanagement, Sicherheit und mehr.

lang:de score:21 filesize: 9.05 M page_count: 63 document date: 2025-06-13

1. RF Exposure Requirements	
1.1 General Information	
Client Information	
Applicant:	Shelly Europe Ltd.
Address of applicant:	51 Cherni Vrah Blvd., building 3, floor 2 and 3, Lomevo Region, Sofia 1407, Republic of Bulgaria
Manufacturer:	Shelly Europe Ltd.
Address of manufacturer:	51 Cherni Vrah Blvd., building 3, floor 2 and 3, Lomevo Region, Sofia 1407, Republic of Bulgaria
General Description of EUT:	
Product Name:	Smart switch with power measurement
Trade Name:	
Model No.:	Shelly 1PM Gen4
Adding Model(s):	S4SW-001P16US
Rated Voltage:	AC 120V
Power Adapter Model:	-
FCC ID:	28905-1PMGEN4
Equipment Type:	Fixed device
Technical Characteristics of EUT:	
Bluetooth:	VS2 (BLE module)
Bluetooth Version:	4.2(2.402MHz)
Frequency Range:	2402-2480MHz
RF Output Power:	16mW, 0.01dBm(Conductivity)
Data Rate:	250Kbps, 2Mbps
Modulation:	GFSK
Quantity of Channels:	40
Channel Separation:	2MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	-2.41dB
Wi-Fi 2.4G:	802.11b, 802.11g, 802.11n, 802.11ax
Support Standards:	2402-2480MHz for 802.11a/g/n/ax(11MHz)
Frequency Range:	2402-2480MHz for 802.11a/g/n/ax(11MHz)
RF Output Power:	15.81dBm(Conductivity)
Type of Modulation:	CCK, QPSK, QAM, OFDM, 802.11n, 802.11ac, 802.11ax
Quantity of Channels:	11 for 802.11a/g/n/ax(11MHz), 7 for 802.11n/ax(160MHz)
Channel Separation:	30MHz
Type of Antenna:	PCB Antenna

[\[pdf\]](#) SAR Rating

Microsoft Word WTX25X03073115W RFExposure FCC Administrator RF Exposure Shelly Europe Ltd
1PMGEN4 Smart switch with power measurement 2BDC6 2BDC61PMGEN4 1pmgen4

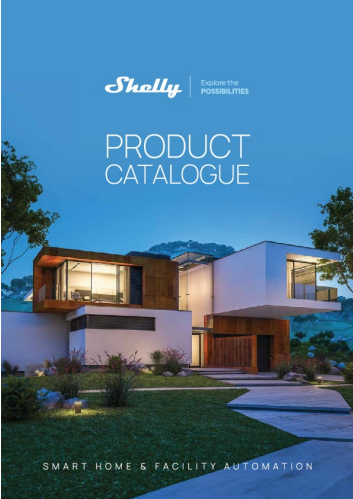
1. RF Exposure Requirements 1.1 General Information Client Information Applicant:
Address of appli ... d Voltage: Power Adapter Model: FCC ID: Equipment Type: Smart
switch with power measurement Shelly 1PM Gen4 S4SW-001P16US AC 120V /
2BDC6-1PMGEN4 Fixed device Technical Characteristics of EUT: Blue...
lang:en score:20 filesize: 223.77 K page_count: 4 document date: 2025-05-07



[Shelly Produktkatalog: Smarte Hausautomation und Gebäudeautomatisierung](#)

Entdecken Sie den umfassenden Shelly Produktkatalog für Smart Home und Gebäudeautomatisierung. Finden Sie Schalter, Sensoren, Beleuchtung und mehr für Ihr vernetztes Zuhause.

lang:de score:20 filesize: 4.91 M page_count: 62 document date: 2025-05-07



[Shelly Product Catalogue: Smart Home & Facility Automation](#)

Explore the comprehensive Shelly product catalogue, featuring innovative smart home and facility automation devices. Discover solutions for lighting, energy monitoring, security, and more.

lang:en score:20 filesize: 8.39 M page_count: 65 document date: 2025-05-23



[Shelly Produktkatalog: Smart Home und Gebäudeautomatisierung](#)

Entdecken Sie den Shelly Produktkatalog für Smart Home und Gebäudeautomatisierung. Erfahren Sie mehr über die Integration von Shelly-Geräten in Ihr Zuhause oder Büro, die Steuerung von Beleuchtung, Haushaltsgeräten und mehr.

lang:de **score:20** filesize: 9.05 M page_count: 63 document date: 2025-06-13



[Shelly Product Catalogue: Smart Home & Facility Automation Solutions](#)

Explore the comprehensive Shelly product catalogue, featuring innovative smart home and facility automation devices. Discover solutions for lighting control, energy management, security sensors, and more, designed for comfort, safety, and efficiency.

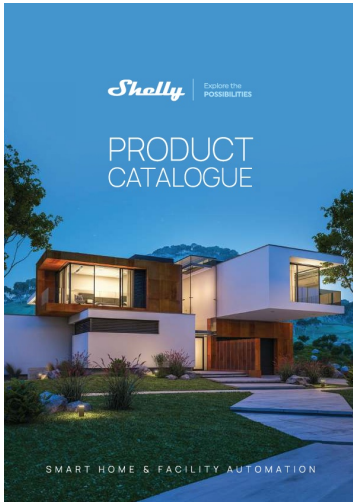
lang:en **score:20** filesize: 4.59 M page_count: 64 document date: 2025-04-30



[Shelly Produktkatalog: Smart Home und Gebäudeautomatisierung](#)

Entdecken Sie den Shelly Produktkatalog für Smart Home und Gebäudeautomatisierung. Finden Sie eine breite Palette an Geräten für Beleuchtung, Energie, Sicherheit und mehr.

lang:de **score:20** filesize: 13.34 M page_count: 65 document date: 2025-09-24



[Shelly Product Catalogue: Smart Home & Facility Automation Solutions](#)

Explore the comprehensive Shelly product catalogue featuring smart home and facility automation devices, including relays, energy meters, lighting controls, sensors, and accessories for seamless integration and enhanced living.

lang:en **score:20** filesize: 4.94 M page_count: 64 document date: 2025-04-24



[Shelly Produktkatalog: Smart Home und Gebäudeautomatisierung](#)

Entdecken Sie den Shelly Produktkatalog für Smart Home und Gebäudeautomatisierung. Finden Sie eine breite Palette an intelligenten Geräten zur Steuerung von Beleuchtung, Energie, Sicherheit und mehr.

lang:de **score:19** filesize: 13.34 M page_count: 65 document date: 2025-09-02



[Shelly Smart Home Automation Product Catalogue | Explore Smart Devices](#)

Discover the full range of Shelly smart home and facility automation devices. Browse our catalogue for smart relays, energy meters, dimmers, sensors, and more for a connected and automated living experience.

lang:en **score:19** filesize: 8.15 M page_count: 65 document date: 2025-05-21

TEST REPORT

Reference No.	WT-0210067518W0020
FCC ID	280-C8-IPM684
Applicant	Shin-Ya Co., Ltd.
Address	51 Chien-sha Blvd., Building 3, Kuo-2 and 3, Lantaoan Region, Saka 1407, Republic of Bulgaria
Model Name	The same as Applicant
Ident. Address	The same as Applicant
Product Name	Smart switch with power measurement
Model No.	Shin-Ya PMS1
Standard	FCC Part 15.247
Date of Receipt sample	2025-03-28
Date of Test	2025-03-28 to 2025-03-30, 2025-04-05 to 2025-04-15
Date of Issue	2025-04-16
Test Report Form No.	WT-TR-16-247W
Test Result	Pass

The results shown in this test report refer only to the sample(s) tested; this test report cannot be reproduced, except in full, without your written permission of the company. The report would be invalid without specific sample of test equipment and the signature of approval.

Prepared By

Wolven Testing Group (Shenzhen) Co., Ltd.

Address: 15/F, Room 815, Building 1, Angang Industrial Park, Lianyun 2nd Road,
Block 70 East Area, Shuanghe, Guangdong, China
Tel: +86-755-89265887 or: +86-755-28003060 Email: wlg@wlg.com.cn

Tested by:

Approved by:

3/s Unaffiliated Engineer

Jason Wu/Manager

Wolven Testing Group (Shenzhen) Co., Ltd.
<http://www.wolven.com.cn>

Page 1 of 30

Microsoft Word WTX25X03073115W003 FCC Part 15 247 Zigbee Administrator Test Report Shelly

TEST REPORT

Reference No.	WTG-03087517EM002
AP ID.	2102-08-IPM6002
Applicant	Shenly Group Ltd.
Address	51 Cheong Yee Blvd., Building 3, Floor 2 & 3, Lattezza Region, Stage 1407
Address	Republic of Bulgaria
Manufacturer	The same as Applicant
Address	The same as Applicant
Product Name	Smart switch with power measurement
Model No.	Shenly 1750 Gen2
Standards	FCC Part 15.247
Case of Request sample	2020-03-28
Date of Test	2020-03-26 to 26th permission of 30.03.2020 04:00 to 2020-04-15
Date of Issue	2020-04-16
Test Report Form No.	WTI_Fact 15_247v
Test Result	Pass

Remarks:

The results shown in this test report refers only to the sample(s) tested, this test report cannot be reproduced, except in full, without your written permission of the company. The sample tested should be marked with specific colour of test facilities and the beginning of approval

Prepared by:

Wahid: Testing Group (Shenzhen) Co., Ltd.

Address: 1F, Room 551, Building 1, Jingshi Industrial Park, Luoshan 2nd Road,
Block 70 Baier District, Shenzhen, Guangdong China.
Tel: +86-755-33000500 Fax: +86-755-33000500 Email: test@watek.com.cn

Tested by: Tris Li	Approved by: Joan Su
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By Authorized Engineer	Jason Sunfinger
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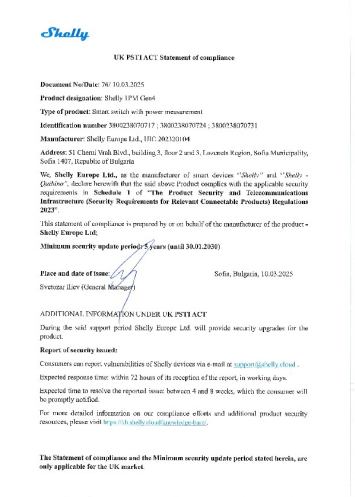
Wahid: Testing Group (Shenzhen) Co., Ltd. 1/F Room 551, Building 1, Jingshi Industrial Park, Luoshan 2nd Road, Block 70 Baier District, Shenzhen, Guangdong China	Page 1 of 30
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Microsoft Word WTX25X03073115W002 FCC Part 15 247B BLE Administrator Test Report Shelly Europe
Ltd 1PMGEN4 Smart switch with power measurement 2BDC6 2BDC61PMGEN4 1pmgen4

[illegible]

Shelly 1PM Gen4 multilingual EU declaration of conformity inst v e2c1c3cd 9400 46b4 b59e 811a1bbfcf2f
kb shelly cloud attachments 266174494 |||

lang:en score:16 filesize: 11.76 M page_count: 48 document date: 2025-03-10

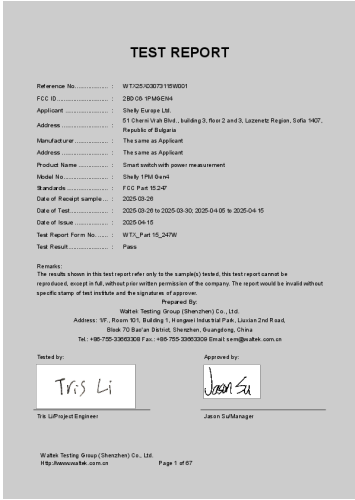


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Shelly 1PM Gen4 UK PSTI ACT Statement of compliance inst v e2c1c3cd 9400 46b4 b59e 811a1bbfcf2f kb shelly cloud attachments 266174494 |||

...

lang:en score:16 filesize: 365.7 K page_count: 2 document date: 2025-03-10



[pdf] Test Report

Microsoft Word WTX25X03073115W001 FCC Part 15 247W Administrator 2 4G WIFI Test Report Shelly Europe Ltd 1PMGEN4 Smart switch with power measurement 2BDC6 2BDC61PMGEN4 1pmgen4

TEST REPORT Reference No..... : FCC ID : Applicant ... of Bulgaria The same as Applicant The same as Applicant Smart switch with power measurement Shelly 1PM Gen4 FCC Part 15.247 2025-03-26 2025-03-26 to 2025-03-30; 2025-04-05 to 2025-04-15 2025-04-15 WT...

lang:en score:15 filesize: 1.97 M page_count: 67 document date: 2025-05-07



[pdf]

magazín ElkovShelly 1 Gen4 nebo Shelly Mini umožní bránu či garáž otevřít i zavřít odkudkoli během pár vteřin Senzor BLU Door Window elkov casopis červen 2025 nahled 08elkov.cz getContentAsset 571a7941 2fb5 428e b07e 5b8628fcd442 75a7d234 9de3 4b47 85c8 e640a45d81d7 elkov 08 language cs |||

magazn ENERGIE Pro zakazky spolecnost ELKOV elektro a.s. a VARNET a.s. rocnk III/2 červen 2025 ... otebic v chytr Miniaturm cidlo pohybu Shelly BLU Motion Chytr rel Shelly 1 Gen4 Chytr rel Shelly 1PM Gen4 s menm spoteby S jarem pichz cas, kdy se nase domovy rozsiuj o dals mstnost zahradu nebo ...

lang:hr score:15 filesize: 9.09 M page_count: 60 document date: 2025-05-26

[pdf] Datasheet Documentation

Shelly 1PM Mini Gen4 Europe shelly mini 1pm gen4 data sheetnetxl docs sheet srsltid AfmBOorjnUEhWLNpC3aY9zRN4QCinSb1xQsRlbzES8RPPUIFknGtQ50F sheetshelly AfmBOorjnUEhWLNpC3aY9zRN4QCinSb1xQsRlbzES8RPPUIFknGtQ50Fnetxl AfmBOooQbXLh0xN 4fUyN qHURr8suMCsi4mreU xYpi c pCXI6ffGs pCXI6ffGsnetxl AfmBOoqKZkcTgHHTUqRTFYGMWSA1vIPEwQllpEL7jb3LPqQmeHYPGuG AfmBOorM PDECIYKNN7S840MwOcSuA3KZ TsgqoIK6Ur aMgV6m kIRnetxl AfmBOoqKZkcTgHHTUqRTFYGMWSA1vIPEwQllpEL7jb3LPqQmeHYPGuGnetxl

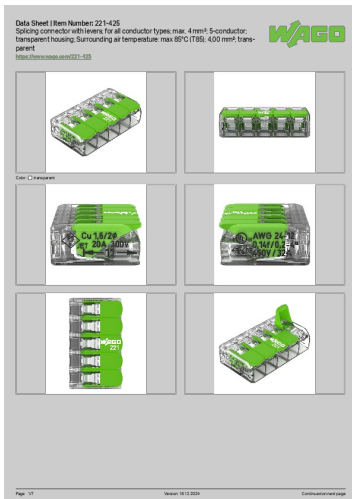
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factor smart switch with power measurement which allows remote control of electric appliances
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3/15/23, 2:02 PM Shelly TMM Mini Gen4 Shelly Europe Home Documentation Shelly TMM Mini Gen4

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[\[pdf\]](#) Datasheet Dimension Guide

221 425 EN WAGO GmbH Co KG Shelly 1PM Gen4 The Pi Hut 425en v 1736895556 cdn shopify s files
1 0176 3274 |||

Data Sheet Item Number: 221-425 Splicing connector with levers; for all conductor
types; max. 4 mm; 5-conductor; transparent housing; Surrounding air temperature:
max 85C T85 ; 4,00 mm; trans parent <https://www.wago.com/221-425> Color:
transparent Page 1/7 Version 18.12.2024 Continued on next p...

lang:en score:14 filesize: 3.77 M page_count: 7 document date: 2024-12-18