HOGAR

PRIMA

Touch Panel (1,2,3,4)
Installation Guide

PRIMA INSTALLATION GUIDE

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1. USAGE NOTICE

1.1. Warnings and Considerations:

The notices highlighted in the manual by caution symbols are as follows,

- ⚠ Indicates the higher level of severity; personal injuries may occur if the proper precautions are not taken.
- ✔ Indicates the instructions those need to be followed during the installation.
- ℹ Indicates suggestions and tips.

Please follow the notices in order to ensure your safety as well as to prevent property loss.

- ⚠ Turn **OFF** the electrical power before installing or servicing this product. Improper use or installation of can cause SERIOUS INJURY, DEATH or LOSS/DAMAGE OF PROPERTY.
- ⚠ Use a circuit breaker to protect this device.
- ⚠ Refer to the diagram presented in the manual and connect accordingly. Improper connections may be dangerous and can cause injuries.
- ✔ An authorized electrician should install this device by following all the national and local electrical codes.
- ✔ Please consult a certified electrician to perform the installation process, if you are not sure about any part of these instructions.
- ✔ Using this product in any manner other than referred to in this document voids your warranty. Further, Hogar Controls is NOT liable for any damage incurred with the misuse of the product.
- ✔ Do NOT use an electric screwdriver to install this device, doing that might over tighten the screws and strip them which may interfere with the proper switch operation.
- ✔ This is an electronic device with complex components. Handle and install with care!

1.2. Precautions:

Follow all the recommendations, warnings, and instructions for the smooth and more extended maintenance of the product.

Do's:

- Turn OFF the product before cleaning.
- Clean the surface of the glass panel using a soft damp cloth.

Don'ts:

- Do not paint the Touch Panel or its wall plate.
- Do not touch the surface of the screen with sharp or hard objects.
- Do not use abrasive cleaners, waxes or solvents for cleaning the Touch Panel.
- Do not operate the product under the following conditions:
  - Sweltering, cold or humid environment.
  - Areas are open to excessive dust and dirt.
  - Near any device producing a strong magnetic field.

- Areas where the device is exposed to direct sunlight.

2. GETTING STARTED

2.1. Purpose of the Manual:

Thank you for choosing the Hogar Controls family of products. This manual describes the Hogar Controls Touch Panels, their specifications, including components, functionality, safety instructions, and provides you with relevant information for the initial installation, setup, and connectivity. This manual will guide the user with the installation process, wiring, and usage of the product. This user manual/installation guide contains useful information for the person who will install the Touch Panel, accessories, and the person who will be programming the touch panel.

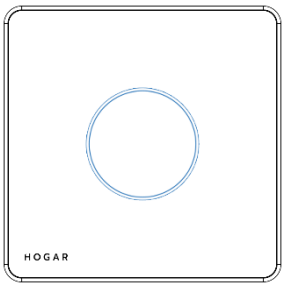
2.2. About the Product:

The Hogar Controls Prima (1,2,3,4) Touch Panel operates independently or as part of the Hogar Controls home automation system or with any certified Z-Wave home automation system. It can be operated either in a bi-stable Relay mode or Touch pulse mode for Scene control with max. Load current of 5 Amps per each channel.

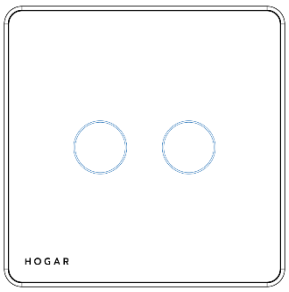
2.3. Features:

- Programmable touch buttons that act as a relay or scene mode.
- Uniform dual backlight with 2-way feedback.
- Equipped with advanced circuits that can control any electrical load without any hitch.
- Two-minute installation with no additional wiring.
- 1mW of radio signal power.
- Power consumption is less than <0.5W.
- EU 868.4MHz, IN 865.2MHz, BR/AU 921.4MHz. Radio frequency range.

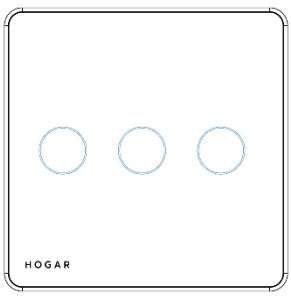
2.4. Device Functionality:



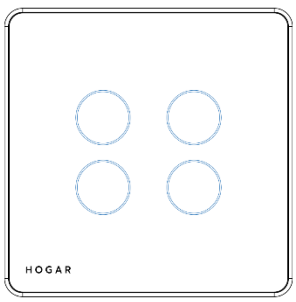
1 Touch Panel



2 Touch Panel



3 Touch Panel



4 Touch Panel

A Prima Switch fulfills the basic requirement of controlling devices in a room. Based on the loads and requirement, four switches can be used.

3. DEVICE INFORMATION

3.1. Model No:

HTP (1S0/2S0/3S0/4S0-XXX)

NOTE:

XXX- denotes the color of glass and metal brim

3.2. Description:

Prima Switches (1,2,3,4) are the sleek glass panel design and an extremely smooth and precise circuit control on the wall. The best of design and functionality at your fingertips. These can operate independently or as part of Hogar home automation system or with any certified Z-Wave home automation system. These can be installed on a two modular British Standard gang box and operate in either toggle or momentary mode for Scene controlling.

3.3. Box Contents:

Prima Switch

User guide

4. DEVICE SUMMARY

4.1. Technical Specifications:

PRIMA SWITCHES (1,2,3,4)	
Model number	1 Touch: HTP-1S0-BXXX
	2 Touch: HTP-2S0-BXXX
	3 Touch: HTP-3S0-BXXX
	4 Touch: HTP-4S0-BXXX
Power requirement	AC 110-240V, 50-60Hz.
Power Consumption Standby	<0.5W
Dimensions	
Dimensions	95x95x31.5mm
Load Rating	1000W Resistive (Incandescent Bulbs), 150W Capacitive (LED Lights), 150W Inductive (Motors, Fan, hairdryer)
Weight	162g
Environmental	
Operating Temperature	32 °F - 122 °F or 0 °C - 50 °C
Humidity	0-90%
Storage	-4 °F to 158 °F or 20 °C to 70 °C
Wireless specifications	
Wireless range	100m outdoor - 30m indoor
Radio protocol	Z-Wave Plus
Radio signal power	1mW

Radio Frequency	EU 868.4MHz, IN 865.2MHz, BR/AU 921.4MHz, US 908 MHz

5. INSTALLATION

5.1. Pre-Installation Instructions:

Before you start installing, read the installation instructions carefully.

Note 1: Turn off the mains by either switching off the circuit breaker or by removing the fuse from the fuse box. Use an inductive voltage detector to make sure that no power is running between them.

Note 2: The back-box wiring presented in this document is only for your reference. Your actual wire colors and functions may differ. Please refer to the certified electrician perform the installation, if you are unable to identify the Line In/Hot, Neutral, Load, and Earth Ground wires.

Note 3: Ensure that the location and intended use meet the following criteria:

- The load capacity matches the exact requirements of the Touch Panel. Refer to the load ratings in the specifications above for details.
- Install by following all the national and local electrical codes.
- The range and performance of the wireless control system are highly dependent on the following:
  - Distance between the devices;
  - The layout of a home;
  - Walls separating the devices;
  - Electrical equipment located near devices.

Note 4: The product operates with 110V-230VAC/50-60Hz, and it is necessary to connect proper "live" wire and the "neutral" wire for a valid installation.

Note 5: The maximum load for each channel is 1000W Resistive (Incandescent Bulbs), 150W Capacitive (LED Lights), 150W Inductive (Motors, Fan, hairdryer).

Note 6: The Hogar Controls Prima Switches are designed to operate in a wall switch box of dimensions Length = 95 Width = 95mm. Height = 31.5mm

Note 7: The Prima Switch is intended to be installed by a qualified electrician. Improper installation may cause malfunction.

5.2. Installation Procedure:

Connect as per the following steps:

Step 1: Gather the following tools required to install the device:

- Suitable screwdriver for twisting and turning screws
- Pliers for stripping wires

- Insulation tape/Lugs for insulation

Step 2: Turn **OFF** the power.

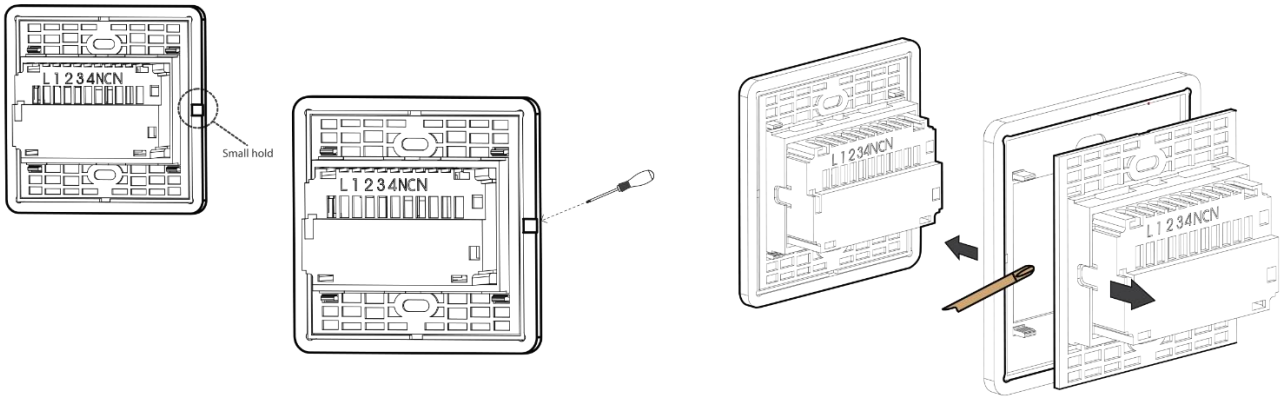
Step 3: Remove the old faceplate or switchboard (if any) by unscrewing it from the wall.

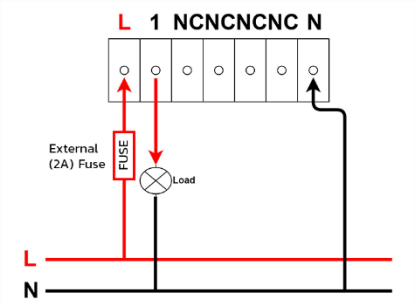
Step 4: Strip all the wires to the appropriate length, i.e., 5/8th of an inch from the wire end.

Step 5: Open the frame of the Prima Touch panel.

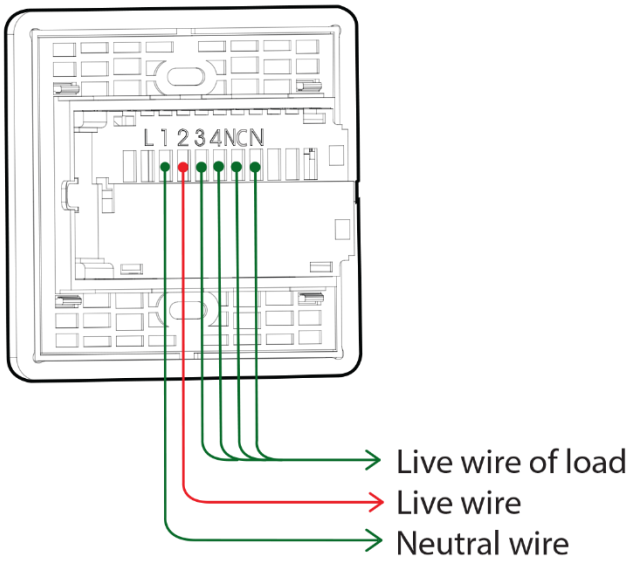
Step 6: Connect the wires to the appropriate terminals as per the diagram below. Make sure the wires are properly screwed to avoid loose connections.

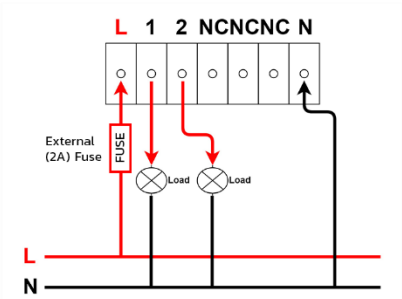
Wiring Diagram:



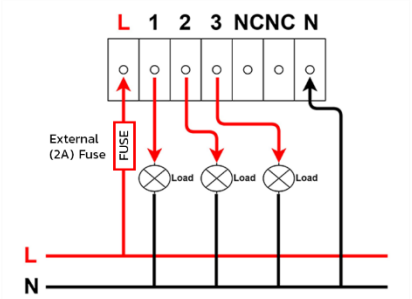


1 TOUCH PANEL CONNECTION

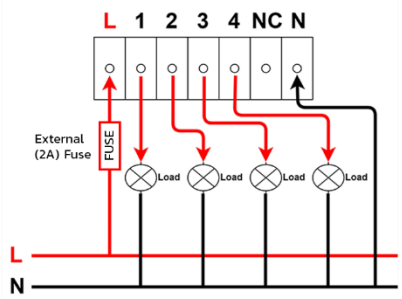




2 TOUCH PANEL CONNECTION



3 TOUCH PANEL CONNECTION



4 TOUCH PANEL CONNECTION

- L - Terminal for live lead
- Terminal 1,2,3,4 for connecting Loads
- N - Terminal for neutral lead

TIP: If you are using Hogar Controls push-on (screwless) faceplate in a multi-gang installation, attach the back of the faceplate,i.e., a sub-plate to all the devices that should be installed into the wall box prior to attaching the Prima Touch Switch into the wall box. This will help in ensuring that all the devices are properly aligned on the same plane after installation.

Step 7: Fit the wires back into the backbox by adjusting them in a zigzag pattern so that they can easily fold into the backbox.

Step 8: Fix the Touch Panel to the backbox and fasten it with screws. Tighten the screws until the backside of the yoke plate is even with the wall surface, make sure that they are not overtightened.

Step 9: Mount the Touch panel glass frame to the wall box. To avoid any damage to the glass frame faceplate, please take care while applying the force to the Touch Panel.

Step 10: Turn **ON** power.

5.3. Operation and Configuration:

When the power supply has started the status LEDs on the touch panel blinks 4 times and turns to a constant blue indicating the device is **ON** and ready to use.
LED Color indication: **Red** LED is for **ON** state, and **Blue** LED for **OFF** state.

5.4. Operating Modes of The Switch:

All the Touch Panels have two operating modes that can be changed: Toggle and Momentary.

- **Toggle**: A switch with two physical states. An action performed by the user (e.x. pressing a button) moves the switch from state 1 to state 2. The switch then remains in the same state unless the user performs another action which would make the switch returns to state 1.
- **Momentary**: A switch with two physical states. An action performed by the user (e.x., pressing a button) moves the switch from state 1 to state 2. When the user ends the action (e.g., releases the button) the switch returns to state 1. This state is useful in controlling scenes, Inserting Fan Dimmer speed control and motorized curtains.

IMPORTANT! The initial operating mode of the switch is -Toggle mode.

Follow the steps below to switch between the two operating modes.
Before proceeding, verify whether the power of the switch box is OFF

Step 1: Remove the glass faceplate.

Step 2: Hold the configuration button provided on front PCB using the head of a screwdriver for about 5 seconds until the Touch button LED blinks three times in Pink color. Release the button when all the LEDs turn to pink color.

Step 3: The above step is an indication that the Touch Panel is in "config mode."

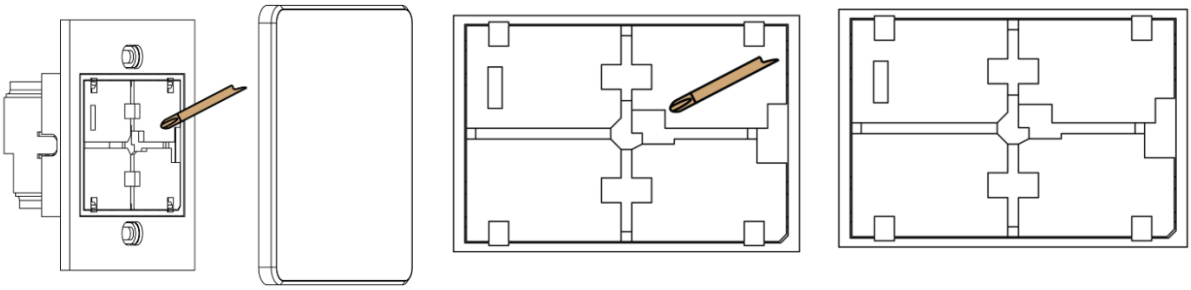
After the first LED of the panel blinks three times and all LEDs turns to Pink color, it indicates that Touch Panel is in "config mode."

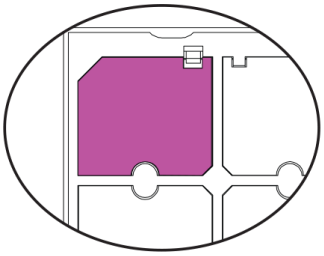
Note: The switches cancel the 'Config Mode' with a single click.

Step 4: In the "config mode," the touch button remains either Pink (Toggle) or OFF (Momentary).

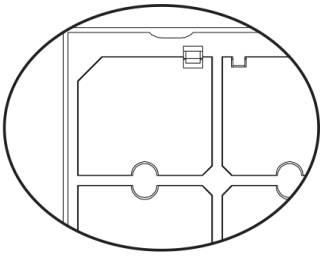
Step 5: Touch the required buttons to change its mode.

Step 6: Press the config button once again (using a screwdriver) to save the configuration. Now, the switch returns to normal mode.





Pink: Toggle



OFF: Momentary

5.5. Adjusting the Backlight Intensity:

Click on the config button continuously for 15 seconds to adjust (increase or decrease) the backlight intensity to either 80% or 30%.

6. OVERVIEW OF Z-WAVE

6.1. About Z-Wave:

- Z-Wave is the leading wireless mesh networking protocol used in smart home technology around the world. It is used in millions of products which does not interfere with the Wi-Fi signal and operates on low power.
- Z-Wave protocol is used in the products that are used every day as lights, locks, switches and make them work smart - give them the ability to connect and communicate with each other which enables the user to control the devices within the home or from anywhere around the world.
- Z-Wave operates wirelessly and securely. The devices can be easily accessed and managed remotely on the smartphone, tablet, or computer so that the smart home can be controlled from anywhere in the world!

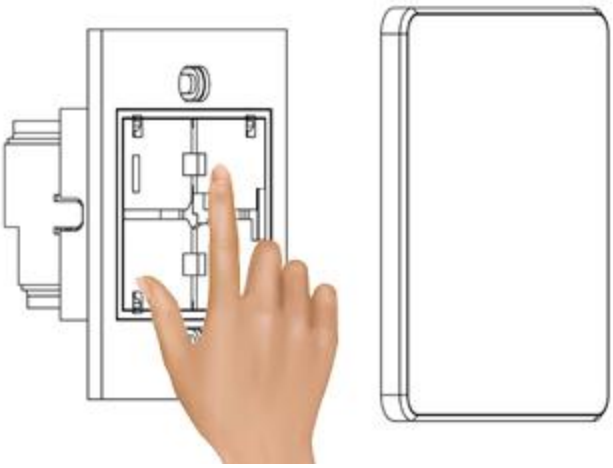
6.2. Adding Touch Panel to Z-Wave Network:

Step 1: Keep the device within Z-wave range and set the Home Controller in Add/Include mode to Add (refer to the Controller manual)

Step 2: Touch and hold the button for 5 seconds until all LEDs blink in blue color and the controller displays the following message – "device found".

Step 3: Wait until all the switches are added and updated in your account.

Step 4: Rename the Touch buttons as per the requirement, assign to the desired room and save it (refer to the controller manual)



6.3. Removing a Switch from the Network:

Step 1: Keep the device within the Z-Wave range and set the Home Controller in Remove/Exclude mode to Delete (refer to Controller manual)

Step 2: Touch and hold the button for 5 seconds until all LEDs blink in blue color and the controller displays the following message – "device removed".

6.4. Resetting a Switch to the Factory State:

Press the Config key continuously five times, and all the LEDs blink in RED color three times, which indicates the factory reset.

7. WARRANTY

- Hogar offers a One-Year limited warranty on any product which covers defects in materials and quality under regular use of the Product (the "Warranty Period").
- The Terms and Conditions of this One-Year limited warranty are as follows:
- If Hogar receives a valid claim within the applicable Warranty Period, Hogar will either repair or exchange the product with a new one.
- As declared above, this one-year warranty incorporates defects in materials and quality only under regular use. It does not cover the cost of insulation, installation, extraction or reinstallation, and does not apply to (a) damage occurs of normal wear and tear; (b) damage caused by pairing with non-Hogar products; (c) damage caused by collision, abuse, misapplication, or external factors; (d) discontinuance of technology; (e) damage caused by

operating the product outside the intended practices outlined by Hogar; (f) damage occurred by third-party service providers; or (g) a product, or any part thereof, that has been changed outside its suitable detailed parameters without the prior written consent from Hogar.

- Warranty will be void if the product seal is broken, the product is burnt or physically damaged.
- To claim the warranty, a copy of the dated sales receipt of this product is mandatory.
- To file for a warranty claim, please provide the photographs of the product showcasing the different angles, this would help us in conducting a proper evaluation of your warranty claim. Also, write a summary explaining how the damage happened to the product, along with your phone number and complete shipping address.
- To send a claim via email, contact us at support@hogarcontrols.com. Please write your claim summary in the body of the email and attach digital photographs and a scanned image of your dated sales receipt.
- **HOGAR IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, ACCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY VIOLATION OF WARRANTY OR STATE, OR UNDER ANY OTHER LEGAL THEORY, INCLUDING BUT NOT LIMITED TO LOSS OF USE; LOSS OF RESOURCES; LOSS OF ACTUAL OR EXPECTED PROFITS (INCLUDING DAMAGE OF PROFITS ON CONTRACTS); LOSS OF THE USE OF MONEY AND ANTICIPATED SAVINGS; LOSS OF BUSINESS; LOSS OF OPPORTUNITY; LOSS OF GOODWILL AND REPUTATION; LOSS OF, DAMAGE TO, OR EXPLOITATION OF DATA; OR ANY INDIRECT OR SIGNIFICANT LOSS OR DAMAGE HOWEVER CAUSED INCLUDING THE REPLACEMENT OF EQUIPMENT AND PROPERTY. CERTAIN PARTS & ACCESSORIES LIKE GLASS & ADAPTERS IS EXCLUDED FROM WARRANTY.**
- Some states do not permit the exclusions or limitations of incidental or consequential damages, so the above constraints may not apply to those regions. This warranty gives specific legal rights and may also have other rights that vary from state to state.

8. APPENDIX

8.1. Troubleshooting:

If the light does not illuminate automatically, please make sure that:

- The light bulb is not screwed in so tightly and burned out.
- There should be one LED illuminated on the face of a Touch Panel.
- The circuit breaker is not turned **OFF** or staggered.
- Please ensure that the wiring diagrams are right according to the sample diagram provided in the manual.

For any assistance needed on the Installation or operation of this product, write to us or call the Hogar Controls Technical Support Centre. Please provide your exact model number. Contact us or visit the website www.hogarcontrols.com.

8.2. Technical Support:

We strive to make our products, manuals best-in-industry. We always rely on the user's feedback to know if we are reaching our goal and expectations. Also, this would help us in doing better in every aspect. If you have any queries or couldn't find a solution to any

application, or for technical assistance, please mail us at asia.support@hogarcontrols.com. Our technical support group will be available round the clock and work with you to clarify your queries.

Visit our website, https://www.hogarcontrols.com/, where you can find technical and non-technical information about the Hogar Controls and products. If you have a comment, inquiry, or advice about any of our products, services, or manuals, please reach us out on the numbers provided on the website or in the manual.

8.3. Regulatory/Safety Information:

To review the Regulatory information for your Hogar Controls products, look out for the information on the Hogar Controls website at http://www.hogarcontrols.com/.

9. COPYRIGHT STATEMENT

9.1. Copyright Notice:

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All the other names and brands may be claimed as the qualities of their respective owners. The specifications are subjected to change without any prior or post notice. The manufacturer does not provide any assurance or guarantee regarding the contents in the manual and explicitly mentioned the intended warranties of merchantability and fitness for a particular purpose. The manufacturer possesses all the rights to modify the publication and change the contents of the materials at any time without any notice to any person.

9.3. About this Document:

The manual applies to the end-user and describes the installation and usage. We strived to put all the relevant information on the same page. The format, easy for printing, is convenient for reading and paper-saving, which is beneficial to environmental protection. It is suggested printing the page you need.

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