

Eave Series Non-Smart Panel

Instruction Manual



MPSX-****-NP.18

Before using this product, please read this manual carefully and keep it properly!

Document Version: C

◆◆ Overview

To provide users with better smart home solutions, Eave series comes with multiple non-smart products for solution design.

The product list is as follows:

No.	Product Name	Model No.
1	Eave Series 1 Port Telephone Wall Jack	MPPX-1T-NP.18
2	Eave Series 1 Port Ethernet Wall Outlet	MPEX-1E-NP.18
3	Eave Series 2 Port Ethernet Wall Outlet	MPEX-2E-NP.18
4	Eave Series 1 Port Cable TV Wall Outlet	MPVX-1C-NP.18
5	Eave Series TV and Ethernet Outlet	MPVX-CE-NP.18
6	Eave Series TEL and Ethernet Outlet	MPPX-TE-NP.18
7	Eave Series Induction Floor Light Panel	MPLX-FLS-NP.18
8	Eave Series Emergency Panel	MPUX-1EC-NP.18
9	Eave Series Blank Panel	MPKX-B-NP.18
10	Eave Series 1 Button Rocker Switch	MPMX-1R-NP.18
11	Eave Series 2 Button Rocker Switch	MPMX-2R-NP.18
12	Eave Series 3 Button Rocker Switch	MPMX-3R-NP.18

Key functions:

1. Signal Panel:

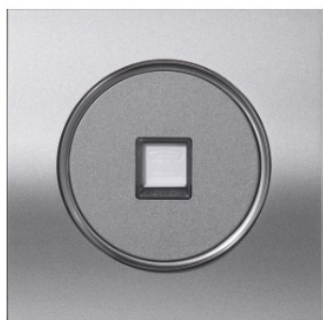
- Eave Series 1 Port Cable TV Wall Outlet provides a coaxial cable signal interface for transmitting signals to TV equipment;
- Eave Series 1 Port Telephone Wall Jack provides Cat3 telephone signal interface for transmitting signals to telephone devices;
- The single computer information panel provides Cat5e network signal interfaces for transmitting signals to network devices;
- Eave Series 1 Port Cable TV Wall Outlet, Eave Series 1 Port Telephone Wall Jack, Eave Series 1 Port Ethernet Wall Outlet and Eave Series 2 Port Ethernet Wall Outlet are paired together on a panel, providing corresponding signal interfaces for the combined devices to transmit signals.

2. Others:

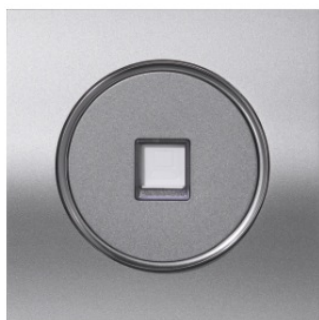
- Eave Series 1 Button Rocker Switch, Eave Series 2 Button Rocker Switch, and Eave Series 3 Button Rocker Switch used to enable on/off control of related electrical equipment;
- Eave Series Induction Floor Light Panel achieving night light function;
- Eave Series Emergency Panel is used to warn of danger or seek help, which can be released by resetting the key and button can be reset.

- Eave Series Blank Panel, used to fill the unnecessary extra 86mm holes.

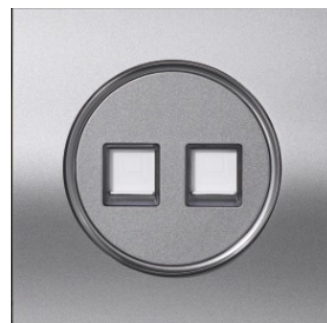
◆◆ Appearance



Eave Series 1 Port Telephone Wall Jack



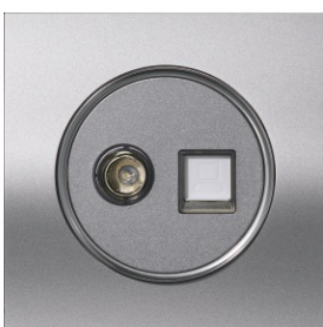
Eave Series 1 Port Ethernet Wall Outlet



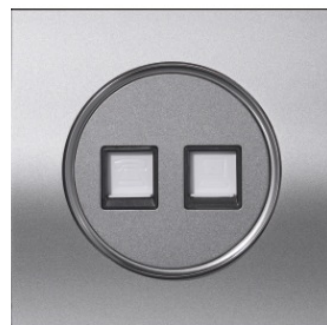
Eave Series 2 Port Ethernet Wall Outlet



Eave Series 1 Port Cable TV Wall Outlet



Eave Series TV and Ethernet Outlet



Eave Series TEL and Ethernet Outlet



Eave Series Induction Floor Light Panel



Eave Series Emergency Panel



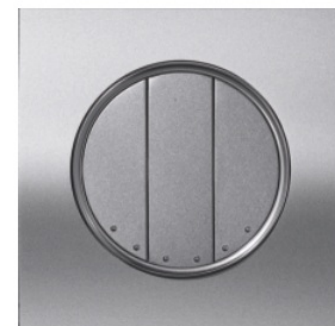
Eave Series Blank Panel



Eave Series 1 Button Rocker Switch



Eave Series 2 Button Rocker Switch



Eave Series 3 Button Rocker Switch

◆◆ Technical Data

1. Signal Panel

Item	Parameter
Product type	Coaxial F-head TV socket
Communication	Cat3, unshielded (telephone socket); Cat5e, unshielded (computer socket)
Wiring type	Tool-free wiring module, including protective door (telephone, computer socket)
Working temperature	-5°C~45°C
Working relative humidity	≤90%RH, non-condensed
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%RH

2. Others

2.1 Eave Series Emergency Panel

Item	Parameter
Communication mode	Passive dry contact
Working temperature	-5°C~45°C
Working relative humidity	≤90%RH, non-condensed
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%RH

2.2 Eave Series Button Rocker Switch

Item	Parameter
Rated voltage	250V ~, 50/60Hz
Maximum current	16A/CH
Working temperature	-5°C~45°C
Working relative humidity	≤90%RH, non-condensed
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%RH

2.3 Eave Series Induction Floor Light Panel

Item	Parameter
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Rated power	≤3W
Rated voltage	220V ~, 50/60Hz
Color temperature	3000K
Delay time	30±10s
Working temperature	-5°C~45°C
Working relative humidity	≤90%RH, non-condensed
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%RH

◆◆ Specifications

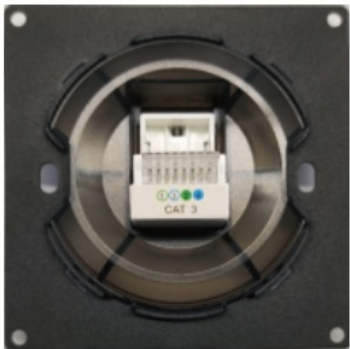
Item	Parameter
Dimensions (W X H X D)	Length*Width: 86mm×86mm; Protruding thickness (from the wall): Lowest point - 9.3mm; Highest point - 13.3mm
Housing material	PC
Installation	86 Type Wall box
IP degree (compliant with EN 60529)	IP20

◆◆ Safety Precaution

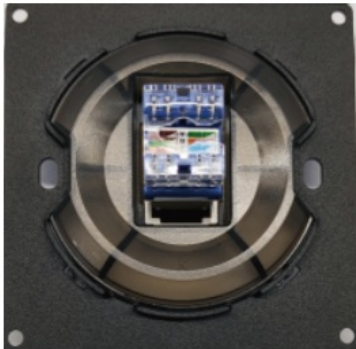
- Please do not privately disassemble or replace any parts of the product. Otherwise, it may cause mechanical fault, electric shock, fire or personal injuries.
- The installation and testing for the product must be carried out by HDL Automation Co., Ltd. (hereinafter referred to as HDL) or its appointed service agencies. The electric construction shall comply with local laws and safety regulations.
- HDL will not be responsible for any consequence caused by the inexpert or faulty installation and wiring methods, which are not in accordance with the instructions contained in this datasheet.
- Please contact HDL after-sales departments or our designated service agencies for your maintenance service. Product failures caused by private disassembly are not subject to the warranty.
- For permanently connected equipment, a double-pole switch that meets standard requirements should be installed in the electrical facilities of the building.

◆◆ Wiring

Please wire according to the markings on panel power interfaces:



Eave Series 1 Port Telephone Wall Jack



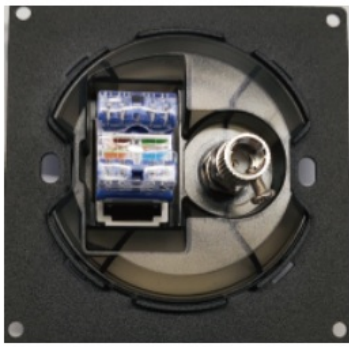
Eave Series 1 Port Ethernet Wall Outlet



Eave Series 2 Port Ethernet Wall Outlet



Eave Series 1 Port Cable TV Wall Outlet



Eave Series TV and Ethernet Outlet



Eave Series TEL and Ethernet Outlet



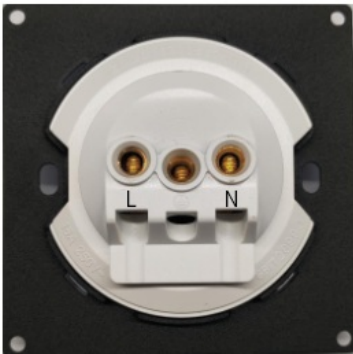
Eave Series Induction Floor Light Panel



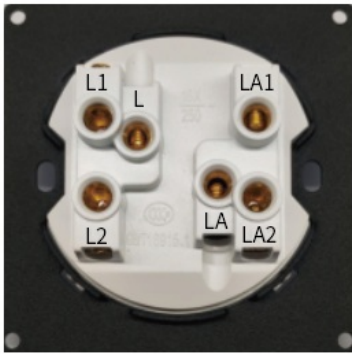
Eave Series Emergency Panel



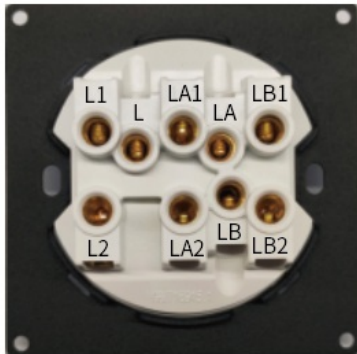
Eave Series Blank Panel



Eave Series 1 Button Rocker Switch



Eave Series 2 Button Rocker Switch



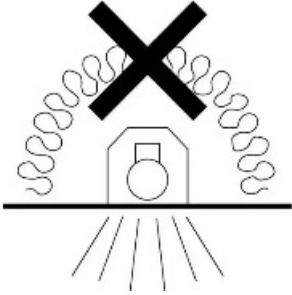
Eave Series 3 Button Rocker Switch

◆◆ Installation

Warning: Before installation, please cut off the power supply, it is strictly prohibited to operate with electricity.

Note:

- Before installation, if the bracket has not been separated from the panel assembly, please refer to the disassembly instructions.
- Before installation, please get the necessary cables ready in the wall box.
- The following marking on Eave Series Induction Floor Light Panel indicates that the light should not be covered with insulation materials

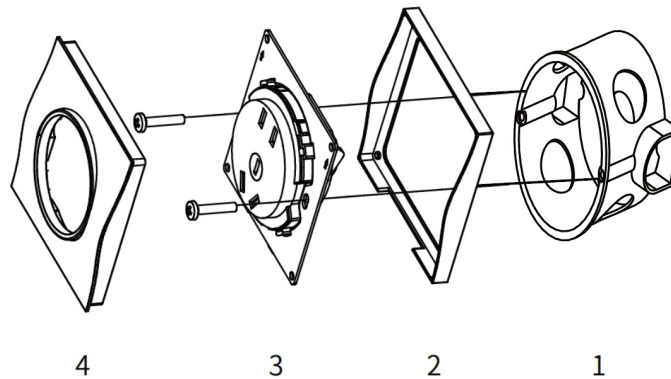


Step 1: Make an opening in the wall to mount the wall box into it.

Step 2: Stick the frame onto the wall and align the opening to the wall box.

Step 3: Insert the power base into the frame, aim the screws on both sides of the base at the holes in the wall box, install them together and lock the screws.

Step 4: Align the panel pins with the base holes, press gently and install on the base.



Multi-gang installation:

- Supports horizontal and vertical installation;
- Horizontal installation supports up to 4 rows;
- Vertical installation supports up to 4 columns.

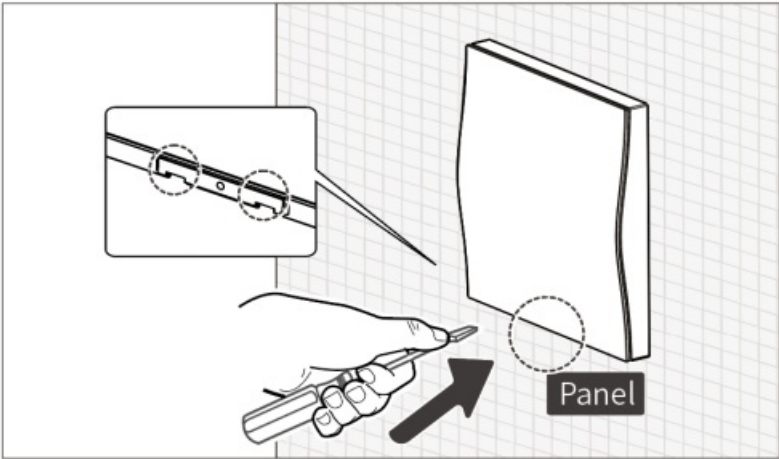
◆◆ Disassembly

Warning: Before performing any disassembly procedures on the device, it is crucial to disconnect the device from all voltage

sources. This step is necessary to ensure the safety of the technician and prevent any potential damage to the device.

Step 1. It is recommended to use a screwdriver to pry the panel open from the bottom.

Step 2. To remove the panel and power base, please refer to the section Installation and do it reversely.



◆◆ Packing List

- Panel * 1
- Instruction manual QR code card * 1
- M4 * 45mm long screws * 2
- M4 * 28mm short screws * 2

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Update History:

The form below contains the information of every update. The latest version contains all the updates of all former versions.

Version	Update Information	Date
V1.0	Initial release	March 14, 2025
V1.1	Update product list	Sept. 8, 2025

◆◆ Technical Support

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