DIMMER SWITCH
HUSA07

INSTRUCTION MANUAL

- One switch per heater, maximum 15 amps.
- 240 VOLT connection needs 3 line power
- Each Switch needs a separate neutral line
- Rated for 120 & 208 & 240 volts applications
- Fits a 2 gang box
- Relay (HUSA05) is NOT needed
HEATSTRIP DIMMER SWITCH

HUSA07
DIMMER SWITCH

SPECIFICATIONS

Wireless wall switch
Detachable face plate
Fits inside standard double junction box

COMPLIANCE
UL and CSA approved File#31373
FCC Part 15, Class B for radiated and conducted emissions

Rated
120 volts 1800 watts
208 volts 3300 watts
240 volts 3600 watts

FEATURES

To improve control of Heatstrip outdoor heaters, there are a range of solutions to help you increase the use of your outdoor entertaining area. The controllers include the following functions:

- Suitable for 120, 208 and 240 volt applications
- Configurable cut-off level—allows user configuration of cut-off point and automatically recalibrates to allow maximum control from cutoff point to full output
- Smooth-action, linear captive slide control—easy precise adjustment of heating levels
- Easy touch preset switch turns lights ON at last selected heat level
- Solid state triac dimming-saves energy when dimming, extends lamp life, and reduces maintenance costs.
- Flicker free, smooth and continuous dimming
- Power failure memory—light is restored to the same levels set prior to the power failure or power interruption’
- Electrostatic discharge protection—protects dimmer against static charges up to 16,000V
- Clean and stylish appearance-fits standard commercial 2-1/2” deep wall boxes
- No visible metal heat sinks, fins or mounting hardware

Power Restore
In the event of a power failure, the switch will turn ON to the state it was at the time of power loss.

LED Locator
At the bottom of the switch is an LED locator. This locator illuminates when the heater is OFF so you can find the switch in the dark.

When specifying the controllers, ensure there is one Dimmer Switch for every heater.

NOT COMPATIBLE WITH THE OTHER RANGE OF REMOTE CONTROLS AND RELAYS
SAFETY

- To avoid fire, shock or death; turn OFF power at circuit breaker or fuse and test that power is off before wiring.
- To be installed and/or used in accordance with electrical codes and regulations.
- To be installed by a licensed electrician.
- Do not gang vertically, switch needs ventilation both top and bottom.
- Only install for the allowed load types, installation for any other load type will void warranty and possibly cause damage to this device and/or connected equipment.
- Use this device with copper or copper clad wire only.
- Do not share neutral wires between switches.

1.68" (43mm)

4.7" (119mm)

5.16" (131mm)

0.53" (14mm)

1.6" (40mm)
OPERATION
Turn Device ON or OFF
Pressing the switch will turn the heater ON, if the heater is OFF. If the heater is ON, pressing the switch will turn the heater OFF
Set Device Level
Adjust the knob or slider to set the desired output level. When the heater turns ON, the heater always turn ON to the level set by the slider.
Set Cutoff Level
The cutoff level is the lowest voltage the dimmer will output before shutting OFF. To set the cutoff level, adjust the Slide Switch to the maximum output. Slowly lower the output to the desired cutoff level, then push and hold the power button for 5 seconds. If your heater is not heating, make the make minimum at least 50% of full power.
Preset Operation
When heater is OFF, set the level of the heat. Then press the button, the heater will turn ON at the set level.

INSTALLATION
- This switch is designed to be installed into a metal 2” x 3” double gang or multi gang device gang box.
- The gang box is to be a minimum of 2 1/2” (6.35mm) deep.
- This switch is NOT designed for a multi-gang field configured box. In some installation where conduit entry is from the side or in multi-gang installations where nipples between two adjacent boxes are used, deeper back boxes may be necessary. Test before rough in.

1. Ensure power is OFF
2. Remove existing wall plate and switch (if applicable)
3. Remove 5/8’ (16mm) of insulation from each circuit conductor. Make sure the ends of the wires are straight.
4. Connect wires are per WIRING DIAGRAM on device as follows. Twist strands of each lead tightly together and with circuit conductors, push firmly into appropriate wire connector. Secure each connector with electrical tape.
5. Installation may now be completed by carefully positioning all wires to provide room in outlet box for device. Mount device into box with mounting screws supplied. Snap faceplate into place.
6. Install device control push button and control assembly.
7. Restore power.
8. Check heater operation.
NOTE: Do not share neutral wires between heaters and switches
Warranty Terms & Conditions

The below Warranty Terms and Conditions apply for North American Customers.

Heatstrip USA warrants to the original owner that HEATSTRIP® Controller products will be free from defects in materials and workmanship for a period of 12 months from the date of purchase in accordance with the following warranty terms and conditions.

Provision of this warranty is subject to:

- The HEATSTRIP® Controller product must be installed in accordance with the Installation Instructions and relevant electrical standards and codes.
- There is no warranty expressed or implied with regard to capacity requirements. The selection of the unit or units depends entirely upon the system design and capacities as determined by the purchaser.
- The customer has not repaired, opened or altered the product in any unauthorised manner.
- This warranty excludes damage to the product or components arising from circumstances outside the control of Heatstrip USA, including, but not limited to, where the product is not used for intended purpose; where the product has been rectified in any way; incorrect installation; incorrect power supply; damaged caused during delivery; misapplication, misuse, abuse, vandalism, lack of maintenance or accident.
- Heatstrip USA’s obligations under this warranty are limited to repair or replacement at Heatstrip USA factory of any components of the product which Heatstrip USA identifies to its satisfaction to be defective.
- Transportation charges involved in return of the product to the Heatstrip USA factory (or any other location authorised in writing by Heatstrip USA) is the sole responsibility of the customer.
- All products are inspected and tested before despatch and are at the risk of the purchaser after the shipment from the Heatstrip USA factory, if not delivered by Heatstrip USA to destination.
- Discolouration of the surface may occur after a period of time, this does not constitute a warrantable event.
- No products or components will be supplied in advance of an examination of the faulty product or components by Heatstrip USA or an authorized representative of Heatstrip USA.
- Heatstrip USA does not participate in any site related costs or labour expenses incidental to replacement of parts, repairing, removing, installing, servicing, transportation or handling of parts to complete products, and assumes no liability on parts repaired or replaced without written authorisation. Heatstrip USA shall not be liable for any default or delay in performance of its warranty obligations caused by any circumstances beyond its control, including, but not limited to, judicial or government restrictions, strikes, fires, floods, abnormal weather conditions, delayed supply of components.

Should products be determined as damaged on arrival, immediately notify the transport company of the condition and have them noted on the freight documents. If damage is discovered after unpacking, demand immediate inspection by the transportation company and insist that a record of the damage is made on the freight documentation.

The customer warrants using the product in accordance with:

- Any instructions provided to it by Heatstrip USA from time to time.
- All government and local regulations, including but not limited to all relevant electrical, environmental laws and regulations governing the installation, storage, use, handling and maintenance of the goods.
- All necessary and appropriate precautions and safety measures relating to the installation, storage, use, handling and maintenance of goods.

All warranty requests for repairs or replacements must be accompanied by a complete “Warranty Claim Form” available from Heatstrip USA, together with proof of purchase (and where possible, photos of the installation) and the heater returned to the place of purchase.

In the event of a warranty claim, the goods need to be returned to the distributor/retailer for repair/replacement.

**Distributor**

**Heatstrip USA**

4275 Executive Square #200

La Jolla, CA 92037 USA

www.heatstripusa.com

info@heatstripusa.com

**Manufacturer**

**Leviton**

201 N. Service Rd,

Melville, NY 11747 USA

616 Corporate Way

Suite 2-5771, Valley Cottage

NY 10989 USA

1-877-222-0063