Operational Notes

The ON button calls up the panel's programmed Entry Scene. The system may also be activated by a quick press on any scene button, bringing that scene on. All luminaires directly controlled by the panel and those linked by group but controlled by other devices will respond.

The OFF button switches off all luminaires controlled directly by the panel and those linked by zone but controlled by other devices.

▲ Temporary Override raises the light level of all luminaires controlled directly by the panel and those linked by group but controlled by other devices.

▼ Temporary Override dims the light level of all luminaires controlled directly by the panel and those linked by group but controlled by other devices.

When the temporary Override buttons have been used the LED of the latest scene selected will flash to indicate that the panel is no longer outputting a pre-set scene light level. The panel will remain in this state until it receives a new command from the Keypad, the SensaLink bus or an Infrared Remote Control device, or time-out occurs.

Setting and Recalling Scenes

To set a scene, select the required scene and adjust to the desired light level using the ▲ ▼ buttons of the panel itself, or those of the SENSALINK SENLRC Infrared Remote Control, or the Utility functions of the SENSALINK SENLP. When the level is reached, it must be "learned" by the panel as the new value for that scene. This can only be done by sending the appropriate scene select signal continuously over a period of six seconds via the Infrared Remote Control link from a SENSALINK SENLRC or a SENSALINK SENLP. With the device correctly aligned to the panel, press and hold the required scene select key until the luminaires under the direct control of the panel begin to flash on and off slowly. The LED of the scene button in question should flash during this process and be lit constantly at the end of this operation.

To recall a pre-set scene simply press the appropriate button briefly. The LED of the button in question should be lit at the end of this operation. This operation can also be carried out remotely using the scene select buttons of the SENSALINK SENLRC.

Scene Responses

Scene 1   The panel signals to detectors linked by group to enter Scene 1 regulating mode but will continue to output the previously commanded level to its directly controlled luminaires.

Scenes 2-6 The panel signals to detectors linked by group and its own output to enter the relevant scene as previoulsy programmed.

Technical Data

SENSALINK BUS CABLE: 1.5mm^2 unscreened twisted pair
DIMMING CABLE: 1mm^2 2-core mains rated cable
DIMMING OUTPUT: up to 25 ballasts (either DSI or DALI - not mixed - to be configured via SENSALINK SENLP)
POWER SUPPLY: 230V ～ 50Hz
POWER CONSUMPTION: < 10W
TERMINAL CAPACITY: 2.5mm^2
ta 0 - 40℃
DIMENSIONS: Module (including supporting frame): 82mm x 144mm
   Fascia: 86mm x 146mm

Fascias must be ordered separately using the following part codes:

Polished Brass: SENSALINK SENLSS V2 BR POL COVER (96237038)
Polished Chrome: SENSALINK SENLSS V2 CHR POL COVER (96237039)
Brushed Stainless Steel: SENSALINK SENLSS V2 RS BS COVER (96237040)
White: SENSALINK SENLSS V2 WHI COVER (96237041)

Thorn Lighting Limited
www.thornlighting.com
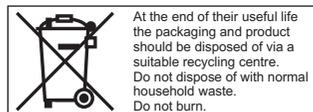
THORN

SENSALINK SENLSS V2 (96237037)
SensaLink Scene Switch Panel

Installation and Commissioning
Instructions

Note: SENSALINK SENLP required for commissioning

At the end of their useful life the packaging and product should be disposed of via a suitable recycling centre. Do not dispose of with normal household waste. Do not burn.

CE

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SensaLink Scene Select Panel SENSALINK SENLSS V2

Only suitably qualified personnel should install this equipment

Dimensions

82mm

86mm

144mm Module

146mm Fascia
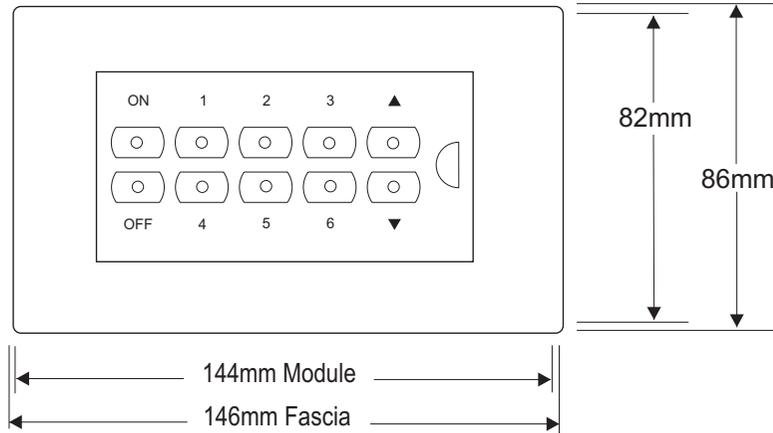
The module's enclosure and its supporting frame are designed to attach to the front of any standard Two-Gang Box, sinking, dry-lining or surface mounting, with a minimum depth of 30mm.

Connection

It is imperative that the SensaLink bus is wired with the correct type of cable. Normally it should be 1.5mm^2 unscreened twisted pair.

Two-core mains-rated cable is recommended for the dimming signal (see Note 3 below). The dimming control output should be connected only to the control inputs of ballasts - never to a detector.

The supporting frame of the module must be earthed, via its earth terminal, to render the metal fascia safe.

SENSALINK SENLSS V2
230V ~ 50Hz.
Power consumption <10W
ta 0.. 40℃
Please read instructions prior to installation.

L   N   D1 D2   SLK SLK

MAINS INPUTS   DIGITAL OUTPUT POLARITY FREE   SENSALINK BUS

TOP

VIEW ON REAR OF MODULE ENCLOSURE

BOTTOM

DIRECTION OF CABLE INSERTION
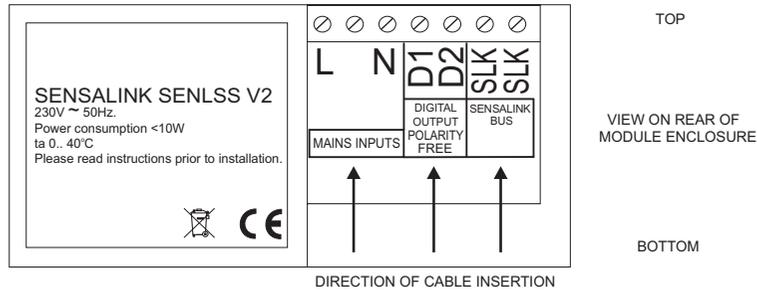
> **WARNING**
> UNDER NO CIRCUMSTANCES SHOULD MAINS POWER (e.g. 200-250V ~) BE APPLIED TO THE SLK BUS CONNECTIONS OR THE DIGITAL DIMMING OUTPUT CONNECTIONS. THIS WILL CAUSE DAMAGE AND COULD BE HAZARDOUS.

Important Additional Notes

1. All terminals on this product are provided for final connection. It is not intended that the product be used as a junction box for looping cables.
2. A means of disconnection must be incorporated in the fixed wiring in accordance with the current wiring regulations.
3. The dimming signal, while nominally 12V, should not be treated as ELV as its 0V line (D1 above) is close to Mains Neutral potential.

Installation

The following should be carried out only by a suitably qualified person.

The suggested installation procedure is as follows:

a) Fit the double-gang sinking box at the desired location (minimum box depth 30mm).
b) Pull through mains power cable, SensaLink bus cable and digital dimming cable (if required), observing wire requirements and regulations.
c) Connect to the terminal block at the rear of the module, observing correct terminations and cautionary notes.
d) Fix module's supporting frame to back box.
e) Clip the fascia plate onto the module's supporting frame.

Commissioning

Once installation is complete, it is necessary to programme the panel's parameters - as with detectors, this is done using the SENSALINK SENLP Programmer.

In order to work harmoniously with detectors controlling luminaires within the same space as, and linked by group number to, the luminaires directly controlled by the SensaLink Scene Switch Panel, the Off Delays configured in the detectors and in the SensaLink Scene Switch Panel should be of the same duration.

Using the SENSALINK SENLP

It is important that the SENSALINK SENLP be held perpendicular to, and at a distance of between 0.5m and 2m from, the panel.

1) Switch on the SENSALINK SENLP by pressing the red button.

2) Point the SENSALINK SENLP at the panel and press the DOWNLOAD button. The SENSALINK SENLP will confirm the product's identity and call up the correct menu of parameters and their current settings.

3) Use a combination of UP, DOWN, FORWARD and BACK buttons to navigate the parameter menu, selecting the options for each shown. (See Tips below.)

4) When complete, aim the SENSALINK SENLP at the panel and press the UPLOAD button. To acknowledge a successful programming operation, the SENSALINK SENLP displays "DATA OK".

5) After a short period of inactivity (default 5 minutes) the SENSALINK SENLP hibernates retaining the most recent settings.

Tips

I) When there are only two options such as ON/OFF, a double click of the OK button toggles between them.

ii) Where there are multiple options, a double click of the OK button recalls a list of all options for that parameter. Use the UP, DOWN and OK buttons to select the desired alternative.

iii) Use the OK button to go forward (through the menus) without displaying HELP pages.

iv) Press the UPLOAD button at any time to transfer all current settings from the SENSALINK SENLP to the panel.

Please refer to the SENSALINK SENLP Instructions for comprehensive commissioning details.

Notes

The panel is capable of recognising group numbers from 1 to 50 and can be programmed to belong to up to four of these. In addition it can be programmed to belong to up to three Common Groups.

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