

Technical Data

SENSALINK CABLE: 1.5mm² unscreened twisted-pair

SWITCH INPUT CABLE: Any mains-rated cable, e.g. 0.5mm² two-core

OPERATING VOLTAGE: 230V 50Hz

PRODUCT RATING & RECOMMENDED CIRCUIT PROTECTION: 10A

POWER CONSUMPTION: <10W

MAX DEVICES PER SENSALINK SENLPS LT: 100 (SENSALINK WHI MW SENLCP and
SENSALINK RS MW SENLCP count as 2 nodes each)

WEIGHT: 112g

SIZE: 175mm x 125mm x 75mm

THORN

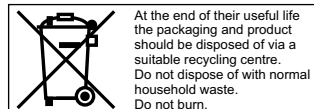
SENSALINK SENLPS LT (96232304) SensaLink Digital Bus Power Supply - 'Lite' (formerly known as SLKPSULT)



Installation and Commissioning Instructions

(Please read these instructions fully before installation)

Thorn Lighting Limited
www.thornlighting.com



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.



W4160E

SENSALINK SENLPS LT (96232304)

Only suitably qualified personnel should install this equipment.

The SENSALINK SENLPS LT powers and synchronises the SensaLink Bus for up to 100 SensaLink devices. Wall switch inputs allow simple dimming and on/off control over suitably programmed devices in the system. There is no provision to link multiple SENSALINK SENLPS LT units together.

Fixing

The SENSALINK SENLPS LT is supplied in a protective housing which should be mounted where it is accessible for commissioning purposes.

Connection

It is imperative that the SensaLink bus is wired with the correct type of cable; normally it should be 1.5mm² mains rated unscreened twisted pair. As the SensaLink Bus is polarity-conscious, care must be taken to maintain polarity throughout.

Do not connect mains to the SensaLink bus as this will cause irreversible damage to all devices in the system.

The mains supply, SensaLink bus and switch input terminals are suitable for 1 x 4mm² or 2 x 2.5mm² cable.

Centre-off, three-way, momentary wall switches should be connected to the 'Wall Switch' UP and DOWN terminals. Centre-off, three-way, latching wall switches should be connected to the ON and OFF terminals. Each command actioned by the switch is addressed to all devices programmed to operate on both Sensor Group 1 and Group 2 of the SensaLink System. All other sensor Groups remain unaffected by the switch inputs.

Important Additional Notes

1. All terminals on this product are provided for final connections. It is not intended that the product be used as a junction box for looping cables.
2. A means for disconnection must be incorporated in the fixed wiring in accordance with the current wiring regulations.

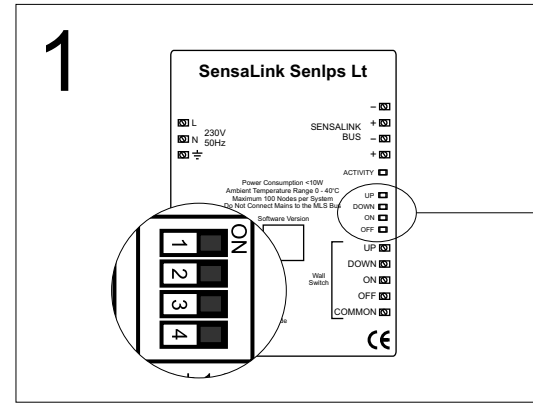
Commissioning

The SENSALINK SENLPS LT has two modes of operation, depending on what range of equipment the unit is being used in conjunction with.

Located at the bottom, left-hand corner of the unit is a four-way DIL switch. Switch number 4 determines what bus type is being used. By default it is set to OFF. (All new SensaLink systems) ON = Old SensaLink systems (Please contact Thorn Systems for advice)

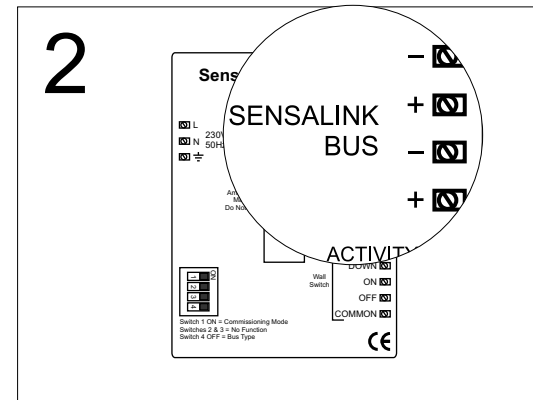
Switch number 1, when set in the ON position, allows the SENSALINK SENLPS LT to operate in 'Commissioning' mode. In this state, any detector or device in the system which is programmed to any group (via a SENSALINK SENLPS (96102983)) can then be turned OFF by infrared override. This override command will filter down to every device in the system enabling the operator to see that the bus cabling is installed and functioning correctly.

Switches 2 and 3 have no function.

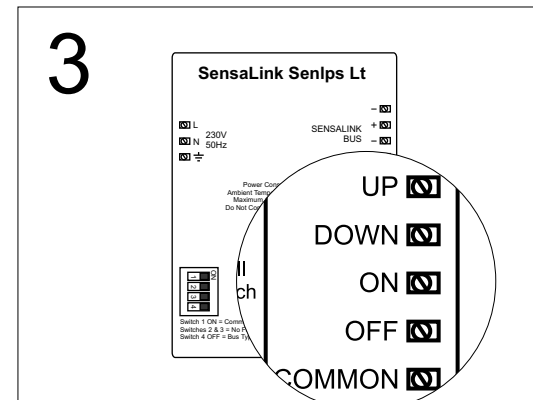


1. 4-way DIL switch. All switches set to OFF by default. Switch 1 enables commissioning mode; Switch 4 determines bus type. Switches 2 and 3 - no function.

Input Indication LEDs



2. SensaLink Bus connections. Do NOT connect mains to the SensaLink Bus. Polarity must be maintained.



3. Switch input connections.