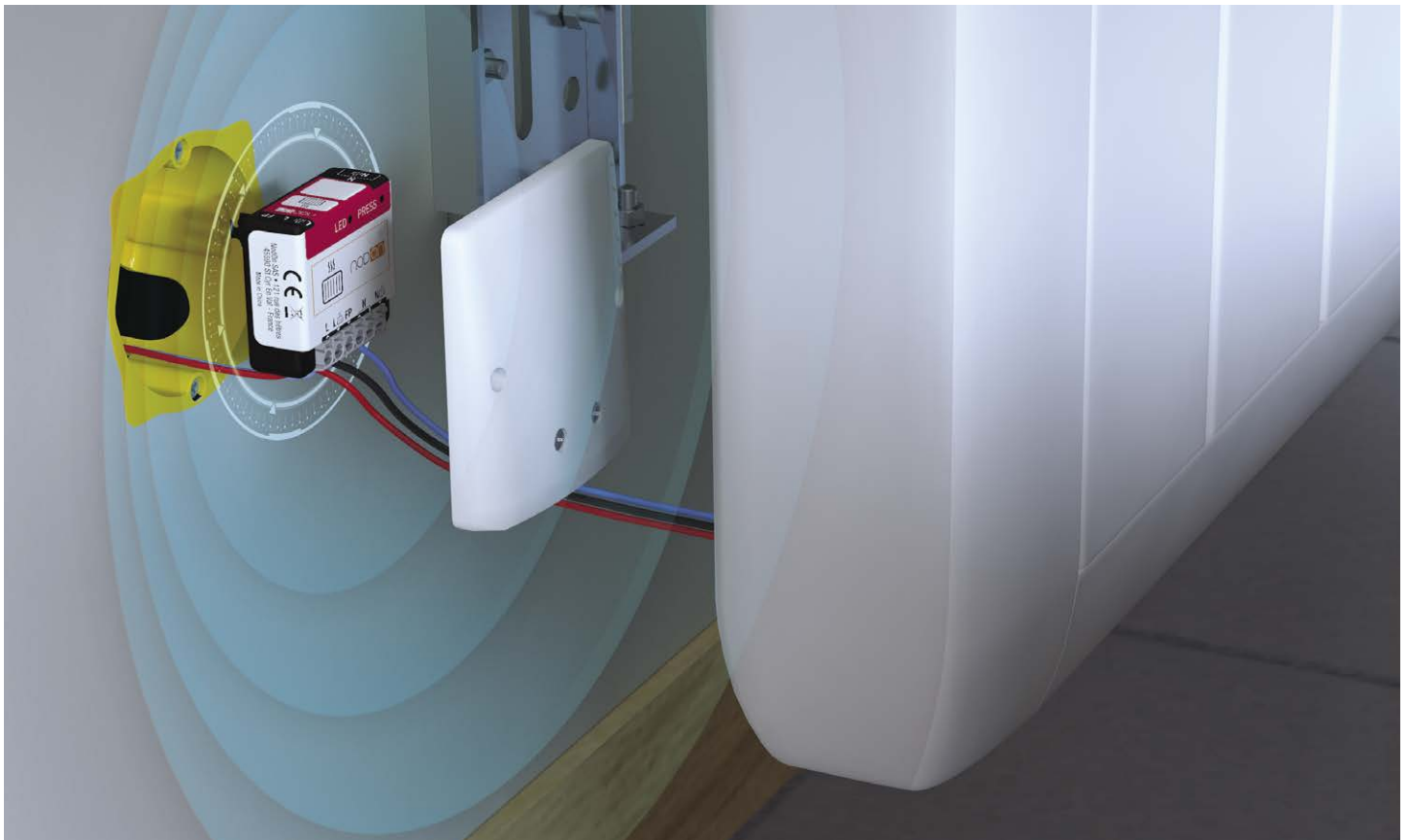# ZIGBEE PILOT WIRE HEATING MODULE

nodon

Actuator

Features

Dedicated to pilot wire electric radiators, the Zigbee Pilot Wire Heating Module connects them and automates heating management to save energy. It can be used to manage up to six modes: Comfort, Eco, No Frost and Stop. Paired with a compatible home automation system, heating management becomes intelligent and automatic.

SIX MODES AVAILABLE
Comfort, Comfort –1°C*, Comfort –2°C*, Eco, No Frost, Stop

METERING
Metering of instant power and cumulated energy, to make energy savings

INSTALLATION WITHOUT CONSTRUCTION WORKS
Behind the grommet of the electric pilot wire heater

UPDATE OVER THE AIR (OTA)
The relay switch is quick to update thanks to the OTA feature. Updates can be carried out via a compatible home automation system

Technical specifications

Power supply: 230V AC ~ 50Hz
Consumption: <1W
Heater maximum power: 3680 W
Metering of Instant power (W) and cumulated Energy (Wh) - compatible home automation gateway needed
RF Protocol: Zigbee 3.0
Radio frequency range: 2.4Ghz
RF power max: +10dBm
Range: up to 40m indoor
Operational temperature:
The SIN withstands ambient temperatures :
· Between –20 and 40° in the open air.
· Between –20 and 35°C in a flush-mounted box.
· Between –20 and 40°C in the NodOn DRB (Din Rail Box).
· Between –20 and 40°C in the NodOn BPS (Surface-Mounted Box).
Protection rating: IP 20

The Zigbee Pilot Wire Heating Module works only with a Zigbee compatible home automation system (automatic or remote control).
List of compatible home automation gateways available on www.nodon.fr/en

List of compatible home automation gateways available on www.nodon.fr

zigbee

*Home automation gateway needed

nodon

Renovation

Automatic or remote control of an electric pilot wire heater

Comfort

Automatically turn the heating mode as Eco if a window is opened

Energy savings

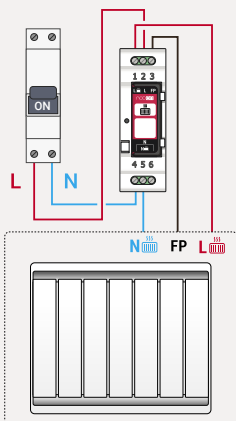**Automatic optimization of the heating management in several rooms**

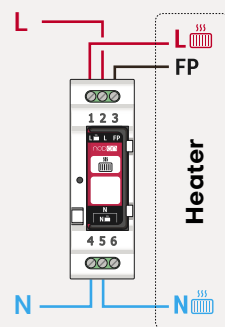**Regulate the heating according to the presence/absence in a room**

Installation

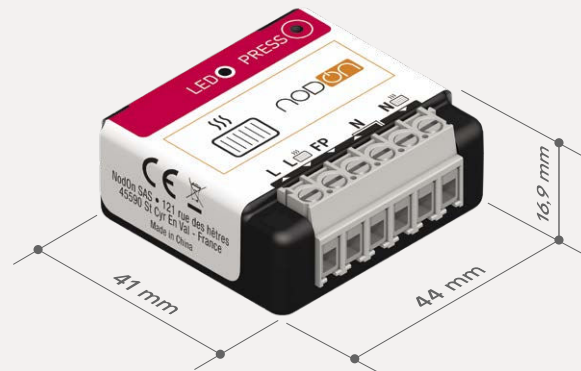|	
L	Terminal for the Line
L 〰	Terminal for the heater Line
FP	Terminal for the Pilot Wire
N	Terminal for the Neutral
N 〰	Terminal for the heater Neutral

Note: Each terminal can accept a cable of 2.5mm² maximum

Connecting the Pilot Wire Heater Module in the DIN Rail Box*

*See DIN Rail Box on www.nodon.fr

Dimensions

41 mm
44 mm
16,9 mm

Reference

SIN-4-FP-21
EAN: 3351842380414