

Termostato conectado Smarther with Netatmo

XW8002 - XM8002 - XG8002
SXW8002 - SXM8002 - SXG8002
XW8002W - SXW8002W
0 490 38 - 0 490 39 - 0 490 40

Descripción

El termostato conectado Smarther with Netatmo, usado con la App Home + Control, es un dispositivo que permite regular y monitorizar la temperatura internamente en los ambientes en un modo preciso y puntual; toda la programación y una gran parte de las funciones se realizan de una forma simple e intuitiva mediante la aplicación. Con su conexión Wi-Fi, Smarther with Netatmo puede programarse y accionarse a distancia; asimismo, permite mostrar la temperatura y la humedad medidas en el ambiente. Localmente, se pueden programar el nivel de temperatura para el funcionamiento manual y la activación del modo Boost, que permite forzar el encendido de la instalación durante un periodo limitado (30, 60 o 90 minutos) independientemente de la temperatura medida y de la programada. Asimismo, para obtener el máximo confort, la compatibilidad con las válvulas termostáticas inteligentes Netatmo permite programar una temperatura diferente en cada habitación. Smarther with Netatmo puede controlarse mediante los asistentes de voz Google, Amazon Alexa y Apple HomeKit.

Smarther with Netatmo versión de empotrar XW8002/XM8002/XG8002/SXW8002/SXM8002/SXG8002/0 490 38/0 490 39.

Puede instalarse en cajas de empotrar de tipo 503E y en cajas de empotrar redondas:

- tipo 500;
- tipo 502PB;
- tipo 0 800 21 y 0 800 41.

Smarther with Netatmo versión mural XW8002W/SXW8002W/0 490 40.

Puede instalarse en una pared usando tornillos y tacos, aptos para las características de la superficie de montaje.

Puede disponer de hasta 10 termostatos en su instalación.

A cada termostato se pueden asociar hasta 20 válvulas termostáticas inteligentes Netatmo y que pueden repartirse al máximo entre 10 habitaciones diferentes.

Artículos relacionados

NA-NAV-PRO Válvulas termostáticas inteligentes Netatmo

Datos técnicos

Alimentación:	110 – 240 Vca , 50/60Hz
Consumo:	2 W máx.
Máxima sección de los cables:	1 x 1,5mm ²
Capacidad contactos:	5(2) A
Temperatura de funcionamiento:	5 – 40 °C
Punto de ajuste para calefacción:	5 – 30 °C
Punto de ajuste para refrigeración:	5 – 40 °C
Tipo de activación:	1BU
Grado de contaminación:	2
Tensión nominal de impulsos:	4 kV

Dispositivo inalámbrico en cumplimiento de la norma 802.11b/g/n, frecuencia 2.4 – 2.4835 GHz, potencia de transmisión < 20 dBm.
 Protocolo de seguridad WEP/WPA/WPA2. Protocolo IPv4.

Puertos utilizados por Smarther with Netatmo y App Home + Control:

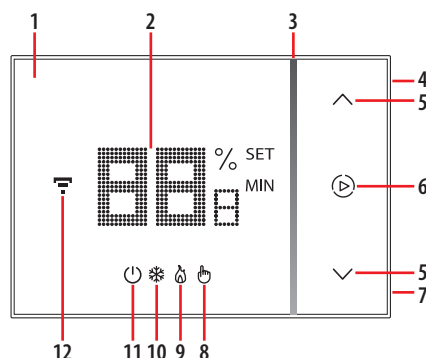
- 25050 TCP - para tráfico web y autenticación de usuario.
- 80 / 443 - HTTP / HTTPS

Conexión radio: comunicación de alcance corto, frecuencia 868MHz/915MHz, potencia de transmisión < 25mW E.R.P.

Smarther 2 with Netatmo (art. XW8002, XM8002, XG8002, XW8002W, SXW8002, SXM8002, SXG8002, SXW8002W, 0 490 38, 0 490 39, 0 490 40) puede configurarse para funcionar en la clase IV según la comunicación de la comisión 2014/C 207/02 y:

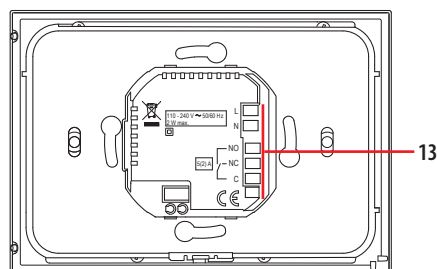
- permite encender, apagar y programar semanalmente el sistema a distancia;
- mediante la aplicación para smartphone "Home + Control", indica los consumos energéticos a través del tiempo de funcionamiento del sistema y permite visualizar en un gráfico el histórico de los datos;
- muestra las condiciones corrientes de funcionamiento y la temperatura de regulación del sistema.

Vista frontal

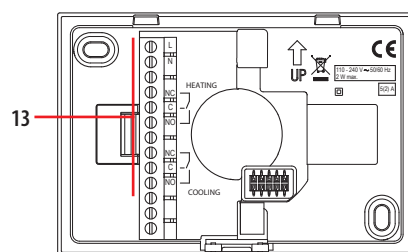


Vista posterior

Versión de empotrar



Versión mural



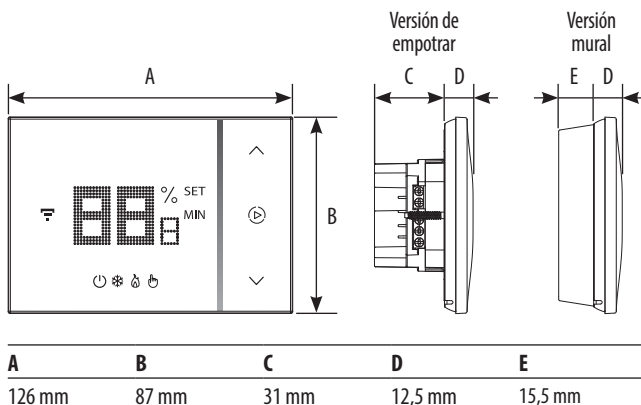
Leyenda

1. Pantalla táctil
2. Visualización temperatura/humedad
3. Indicador de funcionamiento en el modo "Boost"
4. Tecla conexión WiFi
5. Teclas para el ajuste de la temperatura
6. Activación del modo Boost
7. Tecla Reset (presionada 10" restablece las condiciones de la fábrica)
8. Indicador de modo manual
9. Indicador de calefacción encendida
10. Indicador de refrigeración encendida
11. Indicador "Termostato apagado"; temperatura (antihielo) en funcionamiento calefacción; OFF en funcionamiento refrigeración.
12. Indicador de conexión Wi-Fi
13. Bornes de conexión (véase los esquemas)

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Datos dimensionales



Configuración

Para la configuración e instalación del dispositivo y para cualquier otra información, consultar la documentación que puede descargarse en el sitio.



www.homesystems-legrandgroup.com

Para descargar la aplicación de Apple Store o Google Play, buscar "Home + Control".



App Home + Control



ANDROID: Requiere Android 5.0 y sucesivo con acceso a Google Play.

iOS: Requiere el uso de un iPhone, iPad, o iPod touch con iOS 12.0 o sucesivo.

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Apple WAC POSIX Server

Package: WACServer

Version: WAC_POSIX_Server_1.22

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Apple mDNSResponder

Version 765.20.4

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LwIP

Version 1.3.2, 1.4.1

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This file is part of the lwIP TCP/IP stack.

Author: Adam Dunkels <adam@sics.se>

STM32 Standard Peripheral Library

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LwBT

Version 0.1

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This file is part of the LwBT Bluetooth stack.

Author: Conny Ohult <conny@sm.luth.se>

OpenSSL

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Libsodium

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Hmacsha512

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ctype

Character types

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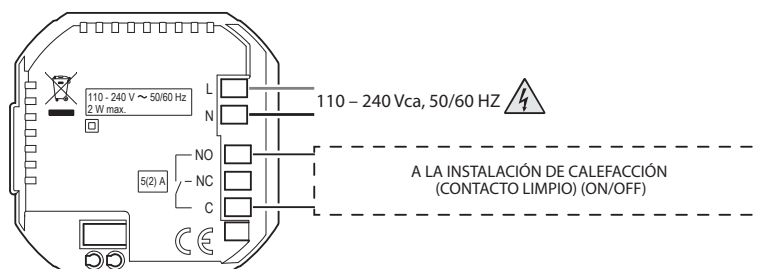
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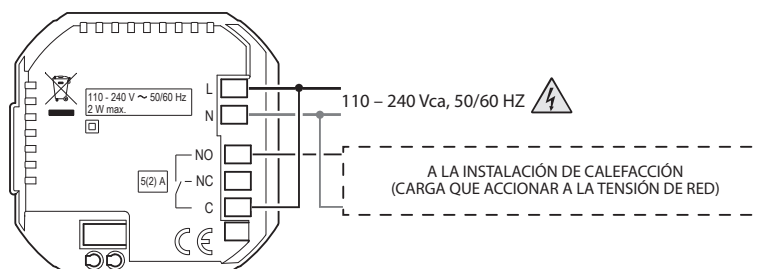
Esquemas de conexión

Versión de empotrar

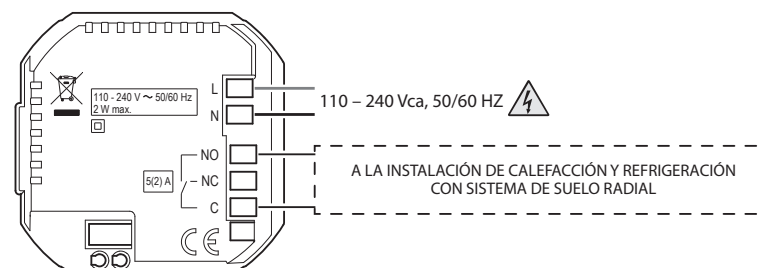
Instalación para solamente calefacción con contacto limpio (ej. consenso caldera)



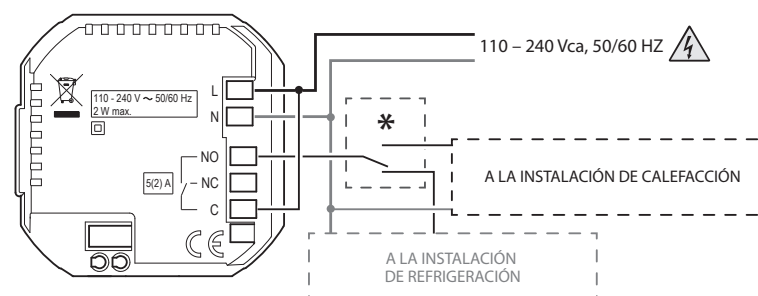
Instalación para solamente refrigeración con carga que accionar a la tensión de red (ej. electroválvula 230 Vca)



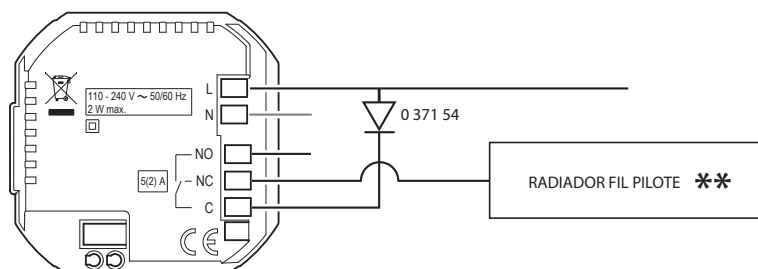
Calefacción y refrigeración con sistema de suelo radial



Calefacción y refrigeración con sistemas diferentes



Instalación de calefacción con radiadores Fil pilote

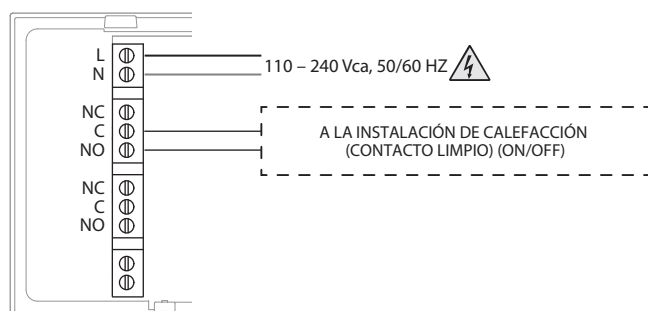


* El conmutador externo ha de estar correctamente activado cuando la función del sistema pasa de calefacción a refrigeración y viceversa.

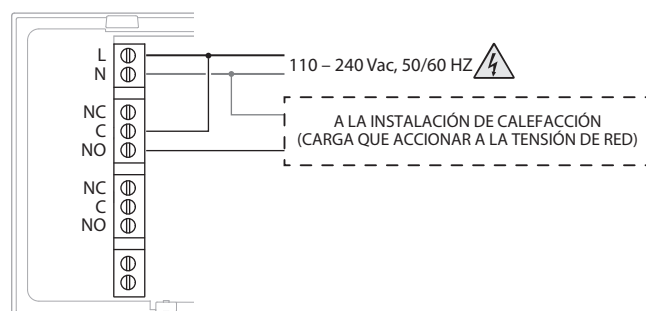
**Para un funcionamiento correcto del Smarter, cuando se usa con radiadores Fil pilote, se ha de programar en el radiador la temperatura más alta posible de COMFORT. Aunque no se puede alcanzar una temperatura más alta que la de COMFORT, programada en dicho radiador, independientemente del punto de ajuste programado en el Smarter.

Versión mural

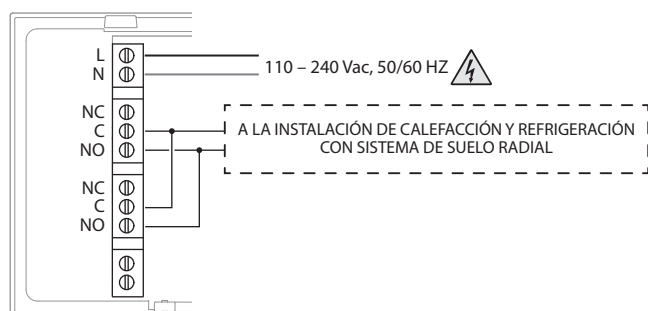
Instalación para solamente calefacción con contacto limpio (ej. consenso caldera)



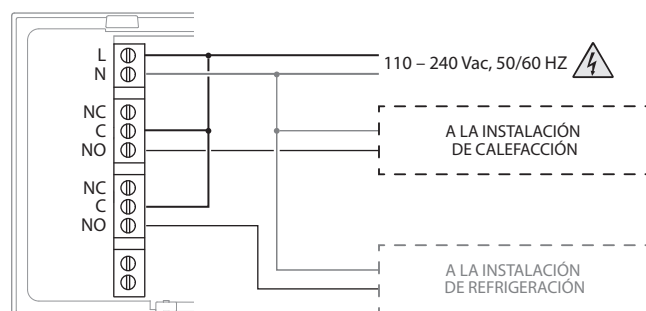
Instalación para solamente refrigeración con carga que accionar a la tensión de red (ej. electroválvula 230 Vca)



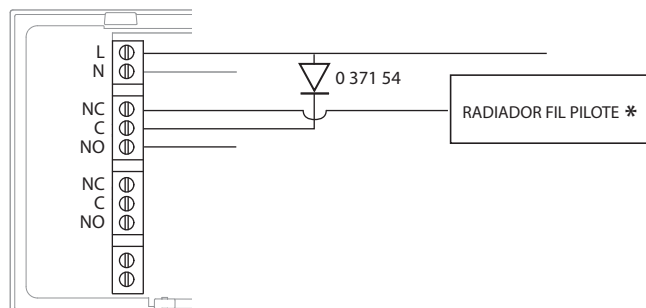
Calefacción y refrigeración con sistema de suelo radial



Calefacción y refrigeración con sistemas diferentes



Instalación de calefacción con radiadores Fil pilote



* Para un funcionamiento correcto del Smarter, cuando se usa con radiadores Fil pilote, se ha de programar en el radiador la temperatura más alta posible de COMFORT. Aunque no se puede alcanzar una temperatura más alta que la de COMFORT, programada en dicho radiador, independientemente del punto de ajuste programado en el Smarter.

Funciones

Funciones disponibles:

- Gestión desde App Home + Control
- Visualización y modificación de la temperatura
- Boost
- Visualización de la humedad del ambiente
- Compatible Válvula Inteligente Adicional para Radiador Netatmo
- Compatible Google Assistant
- Compatible Alexa
- Compatible HomeKit