

Termostato conectado Smarter AC with Netatmo

XW8003 - XM8003 - XG8003

0 490 43 - 0 490 44

XW8003W - 0 490 45

Descripción

Smarter AC with Netatmo es el termostato conectado para los sistemas HVAC: gestiona directamente una unidad mural mediante el emisor IR a bordo, pero también sistemas más amplios con varios splits de aire acondicionado o Fan Coil, gracias a la compatibilidad con los accesorios específicos.

Desde el dispositivo, se pueden programar también manualmente el nivel de temperatura objetivo, la velocidad de los ventiladores y la activación del modo Boost, que permite forzar el encendido de la instalación durante un periodo limitado (15, 30 o 45 minutos) independiente de la temperatura medida o de la programada y la función ON OFF para el encendido/apagado del termostato. Asimismo, permite mostrar la temperatura y la humedad medidas en el ambiente. En combinación con la App Home + Control, se puede programar y gestionar la temperatura en un modo sencillo e intuitivo. Con su conexión Wi-Fi, Smarter AC with Netatmo puede programarse y accionarse a distancia. Smarter AC with Netatmo también puede controlarse mediante los asistentes de voz Google, Amazon Alexa y Apple HomeKit.

**Smarter AC with Netatmo versión de empotrar XW8003/XM8003/XG8003/
0 490 43/0 490 44.**

El dispositivo es compatible con las cajas estándares Italiano (500/503E/502PB), Francés y Inglés (UA1).

Smarter AC with Netatmo versión mural XW8003W/0 490 45.

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.

Un único Smarter AC with Netatmo, dependiendo del tipo de instalación, puede controlar (mediante RF):

A) hasta 10 emisores IR conectados (con el mismo protocolo de comunicación y situados en un máximo de 10 habitaciones de la app Home + Control). En este caso, el emisor IR a bordo de Smarter AC puede deshabilitarse o usarse en paralelo con los emisores IR para controlar otro split de aire acondicionado.

B) hasta 5 actuadores HVAC, con la condición de que estén todos en la misma habitación y que los Fan Coil pilotados sean del mismo tipo.

Artículos relacionados

3460IR Emisor de RI conectado

0 489 10 Actuador HVAC

Datos técnicos

Alimentación: 110 – 240 Vac, 50/60Hz

Consumo: 2 W max

Máxima sección de los cables: 1 x 1,5mm²

Capacidad contactos: 5(2) A

Temperatura de funcionamiento: 5 – 40 °C

Tipo de activación: 1BU

Grado de contaminación: 2

Tensión nominal de impulsos: 4 kV

Compatible con Emisor de RI (3460IR)

Compatible con Actuador para Fan-coil (0 489 10)

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 Smarter AC with Netatmo y App Home + Control:

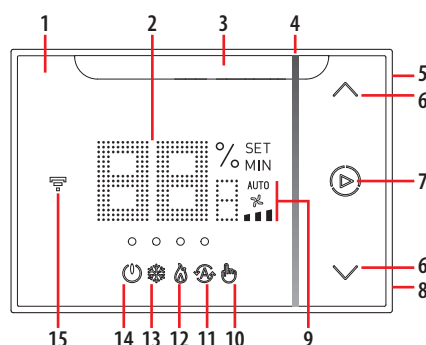
- 25050 TCP - para tráfico web y autenticación de usuario.

- 80/443 - HTTP/HTTPS

Tecnología: Banda de frecuencia radio 2,4 GHz (16 canales) - Byte rate: 250 KB/s

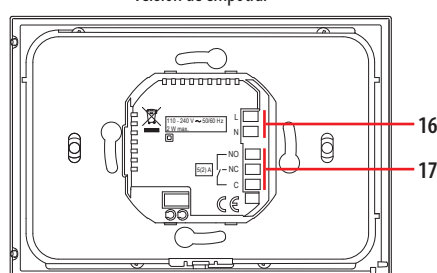
Red MESH autorreparable con alto nivel de seguridad (AES128) conforme a HA1.2 de la normativa IEEE 802.15.4 (LR-WPAN).

Vista frontal

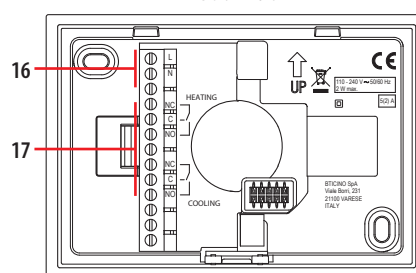


Vista posterior

Versión de empotrar



Versión mural



Leyenda

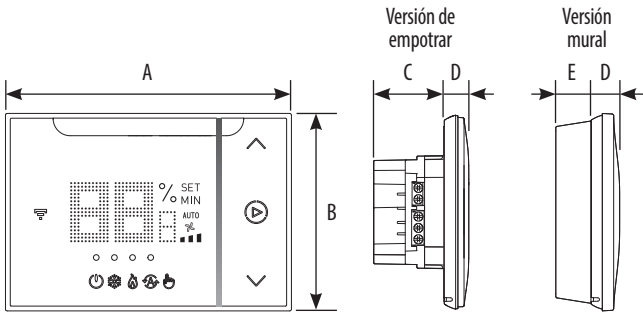
1. Pantalla táctil
2. Visualización temperatura (°) / humedad
3. Emisor de IR
4. Indicador de tiempo residual del funcionamiento en el modo "Boost"
5. Tecla conexión Wi-Fi y ajustes RF
6. Teclas para el ajuste de la temperatura
7. Tecla bifuncional:
 - presión breve para activación del modo Boost
 - presión prolongada 3" para activación OFF-ON (**)
8. Tecla Reset (presionada 10" restablece las condiciones de la fábrica)
9. Indicador de velocidad ventilador aire acondicionado split o Fan coil (Automático/1/2/3)
10. Indicador de modo manual
11. Indicador de modo automático
12. Indicador de calefacción
13. Indicador de refrigeración
14. Indicador de "Termostato apagado"
15. Indicador conexión Wi-Fi
16. Bornes de conexión alimentación
17. Bornes de conexión (uso futuro)

(*) En sistemas con aire acondicionado split, la temperatura medida por el Smarter no será una referencia para el encendido/apagado del sistema.

La temperatura de referencia será la leída por el aire acondicionado split y no se podrá visualizar en el Smarter ni en la App.

(**) Disponible desde la versión FW44

Datos dimensionales



A	B	C	D	E
126 mm	87 mm	31 mm	13 mm	15,5 mm

Configuración

Para la configuración e instalación del dispositivo y para cualquier otra información, consulte las instrucciones siguientes o la documentación en el catálogo online del producto.

Download App



Home + Control

Google Play: se aconseja utilizar la versión más reciente de Android con acceso a Google Play

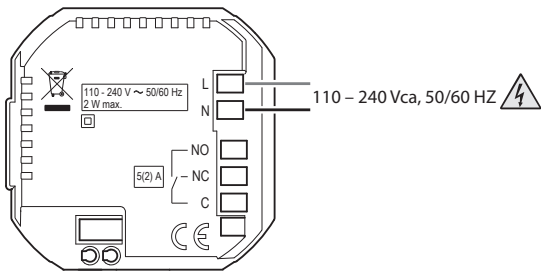


iOS: para controlar este accesorio HomeKit, se aconseja utilizar la versión más reciente de iOS o iPadOS

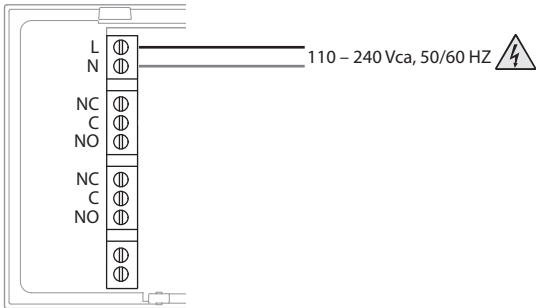


Esquemas de conexión

Versión de empotrar



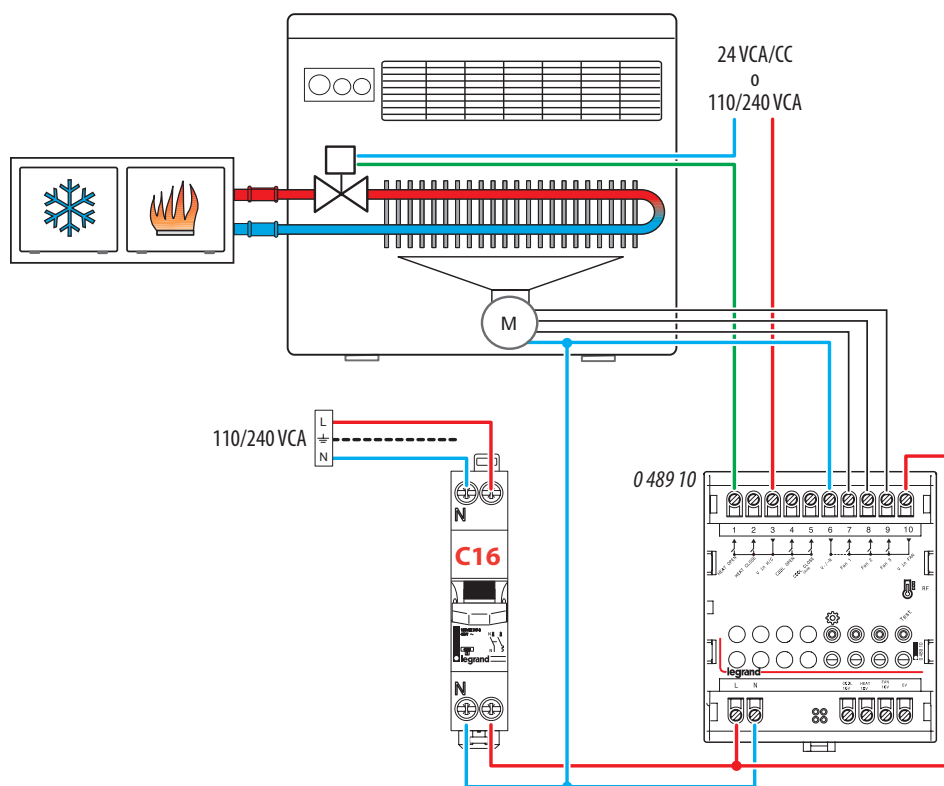
Versión mural



Sistema compuesto por 1 fan-coil de 2 tubos

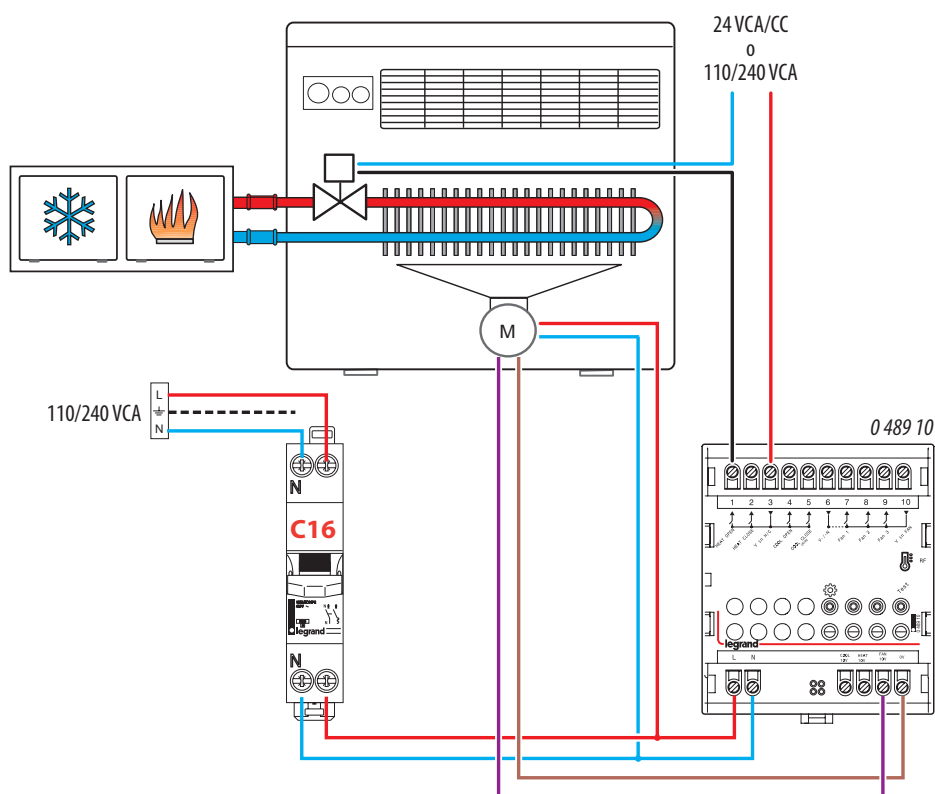
Sistema con válvula On/Off, ventilador de 3 velocidades

Solamente calefacción - solamente refrigeración - calefacción o refrigeración con conmutación manual.



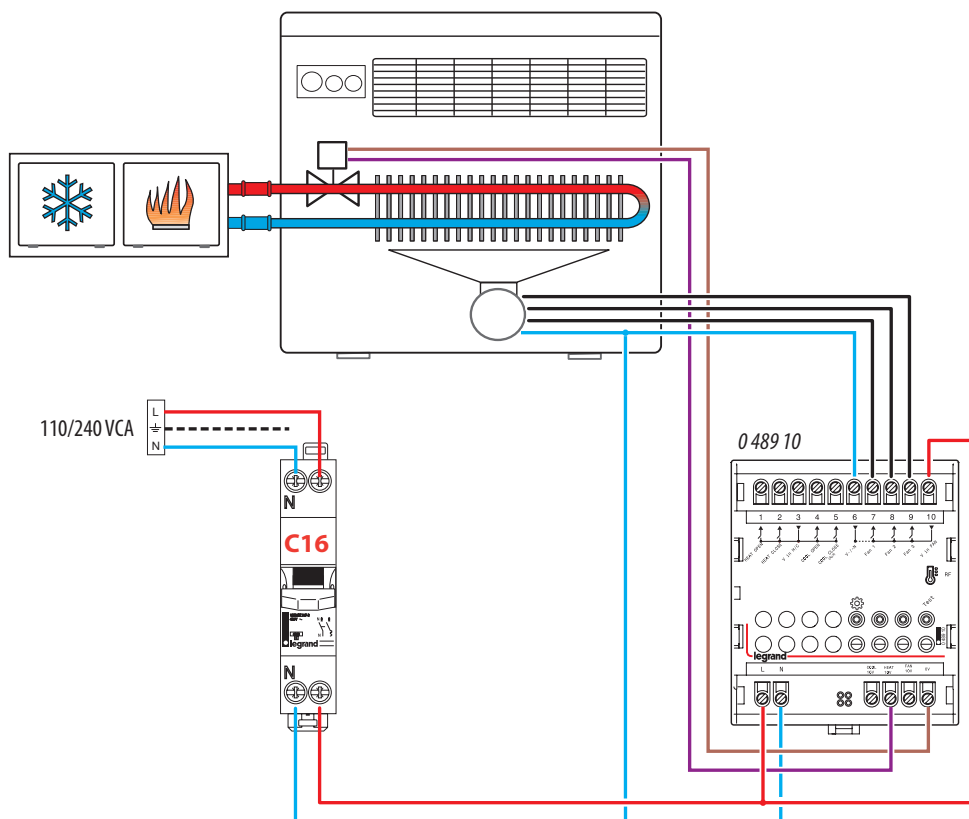
Sistema con válvula On/Off, ventilador 0-10V

Solamente calefacción - solamente refrigeración - calefacción o refrigeración con conmutación manual.

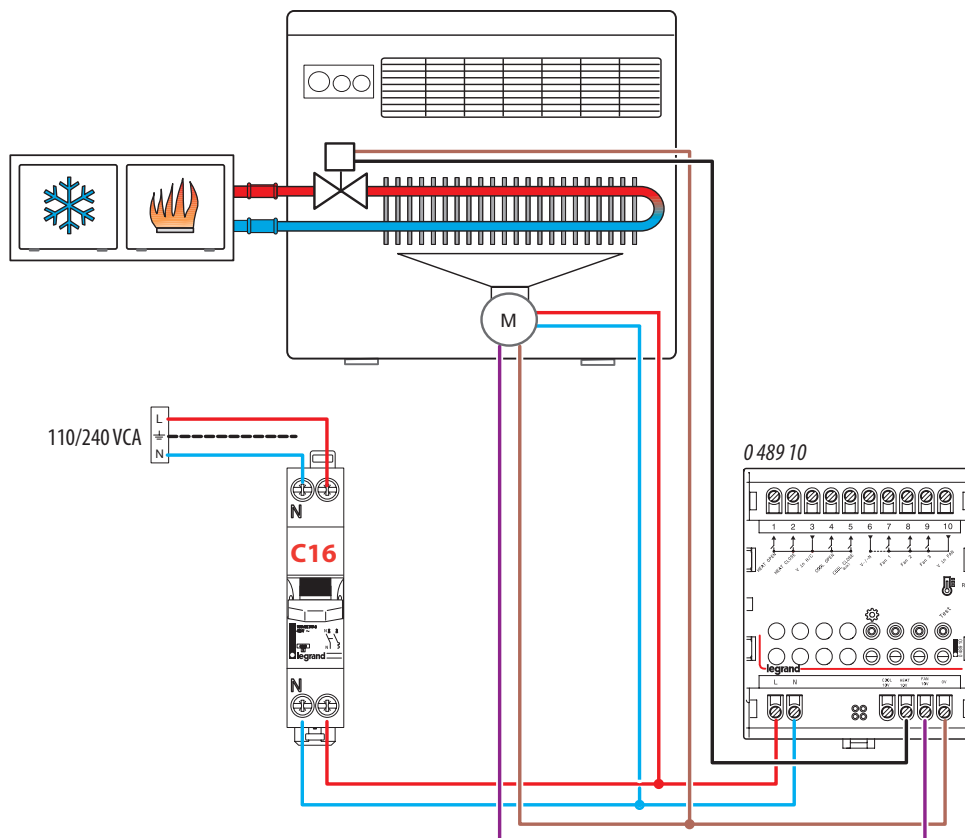


Sistema con válvula 0-10, ventilador de 3 velocidades

Solamente calefacción - solamente refrigeración - calefacción o refrigeración con conmutación manual.

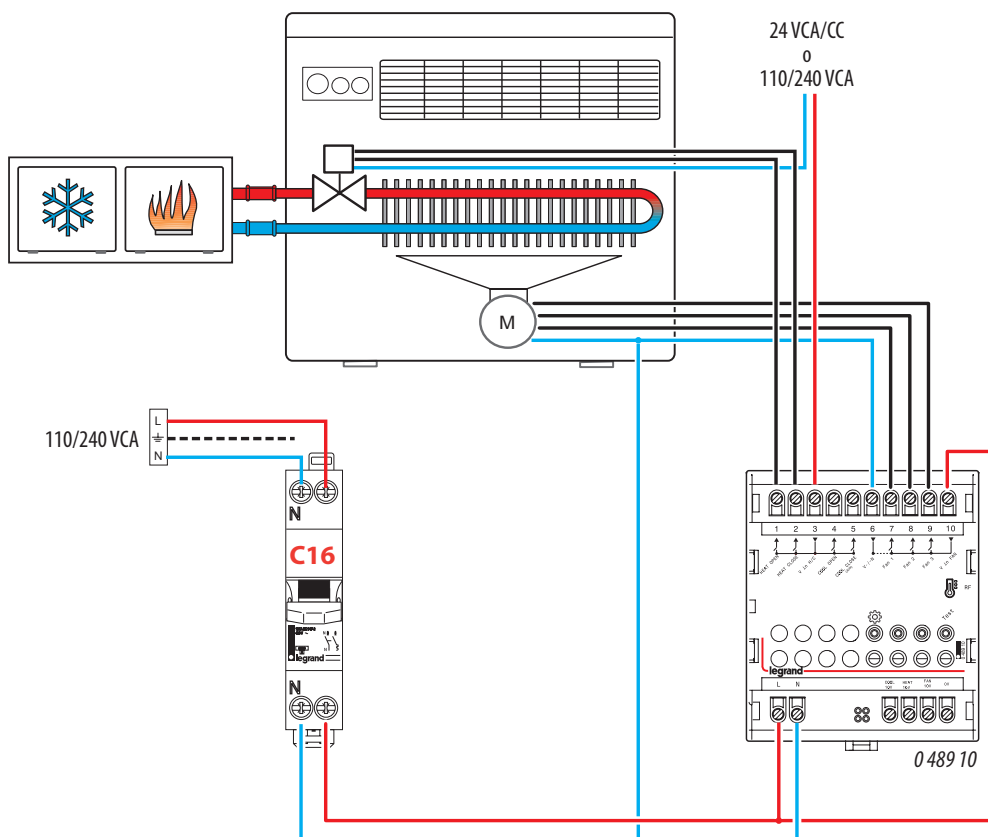


Sistema con válvula 0-10 V, ventilador 0-10 V

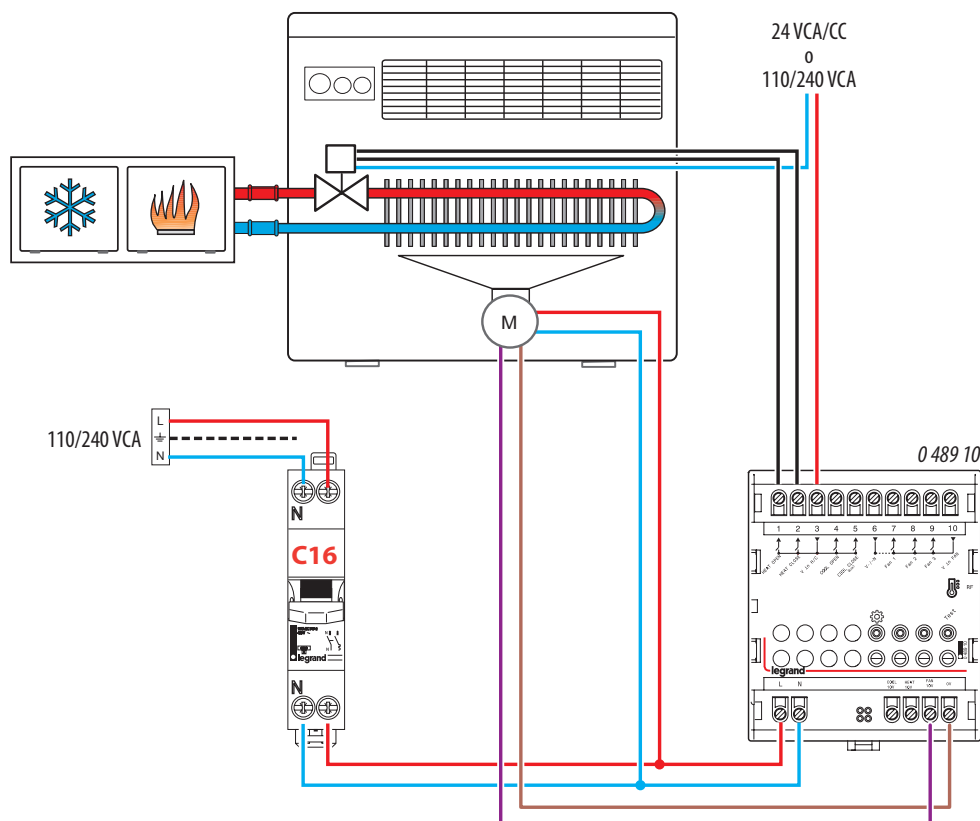


Sistema con válvulas de 3 puntos, ventilador de 3 velocidades

Solamente calefacción - solamente refrigeración - calefacción o refrigeración con conmutación manual.



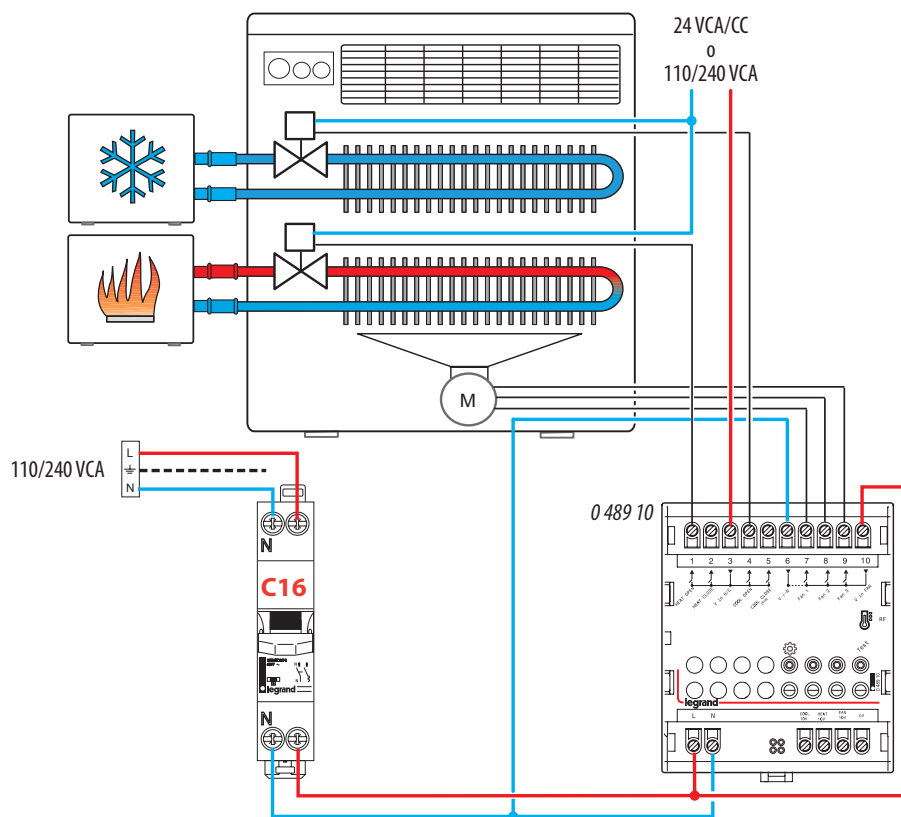
Sistema con válvulas de 3 puntos, ventilador 0-10 V



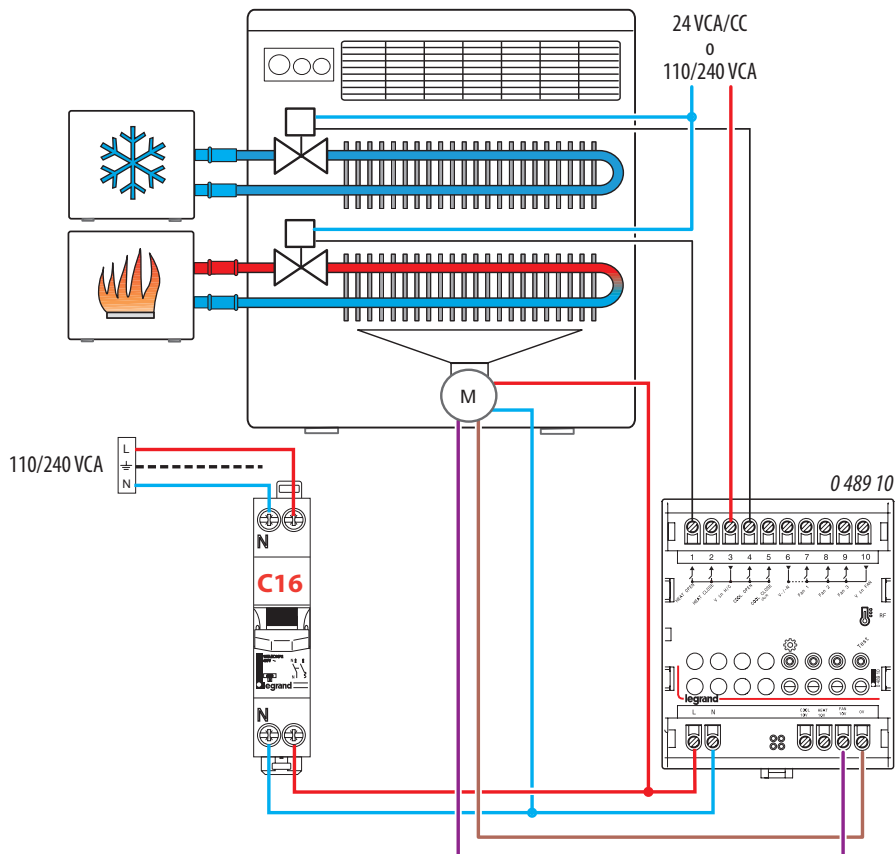
Sistema compuesto por 1 fan-coil de 4 tubos

Sistema con 2 válvulas On/Off, ventilador de 3 velocidades

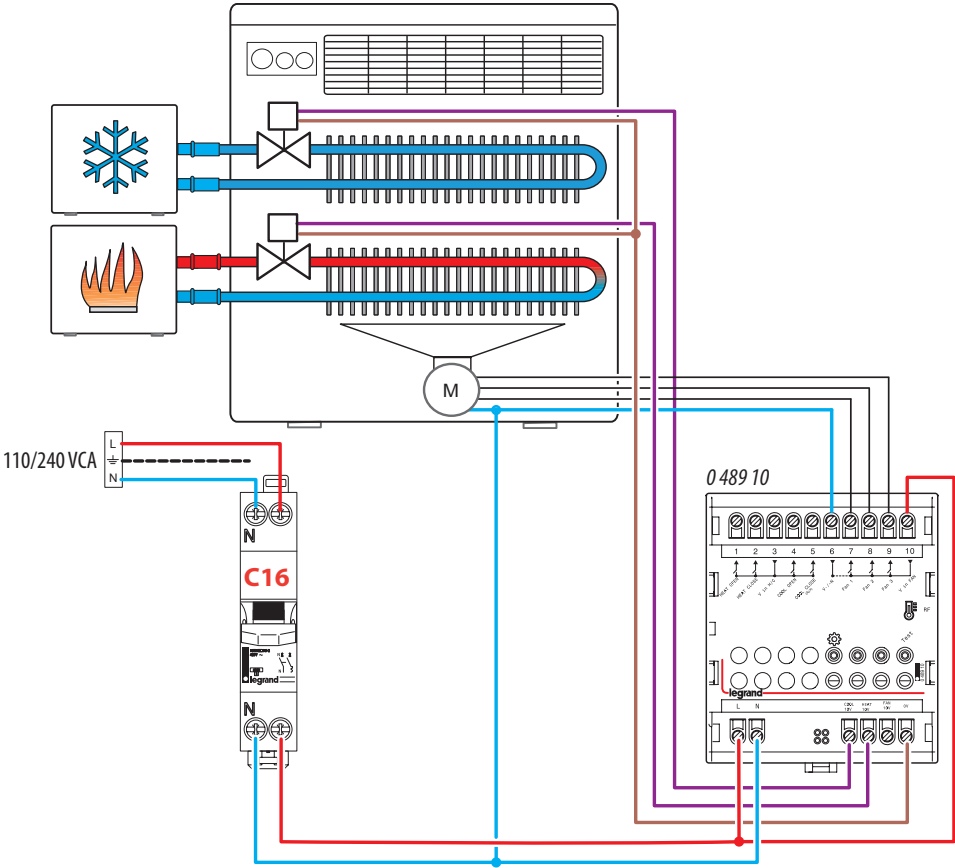
Calefacción o refrigeración con conmutación automática o manual.



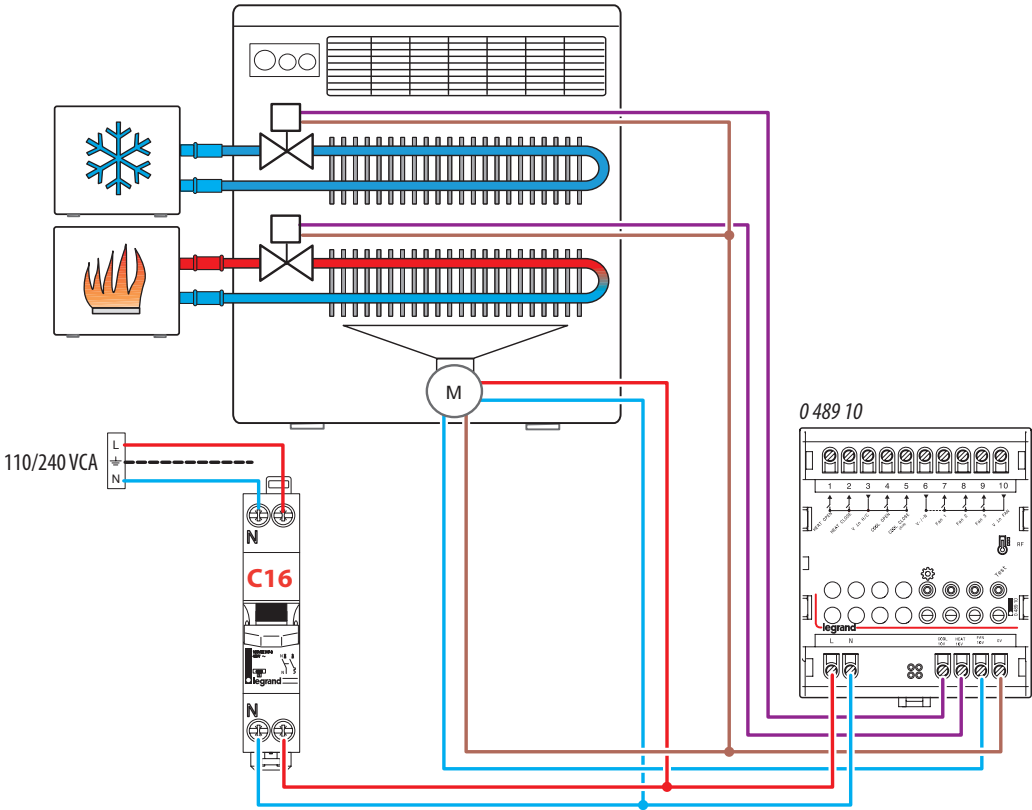
Sistema con válvulas On/Off, ventilador 0-10V



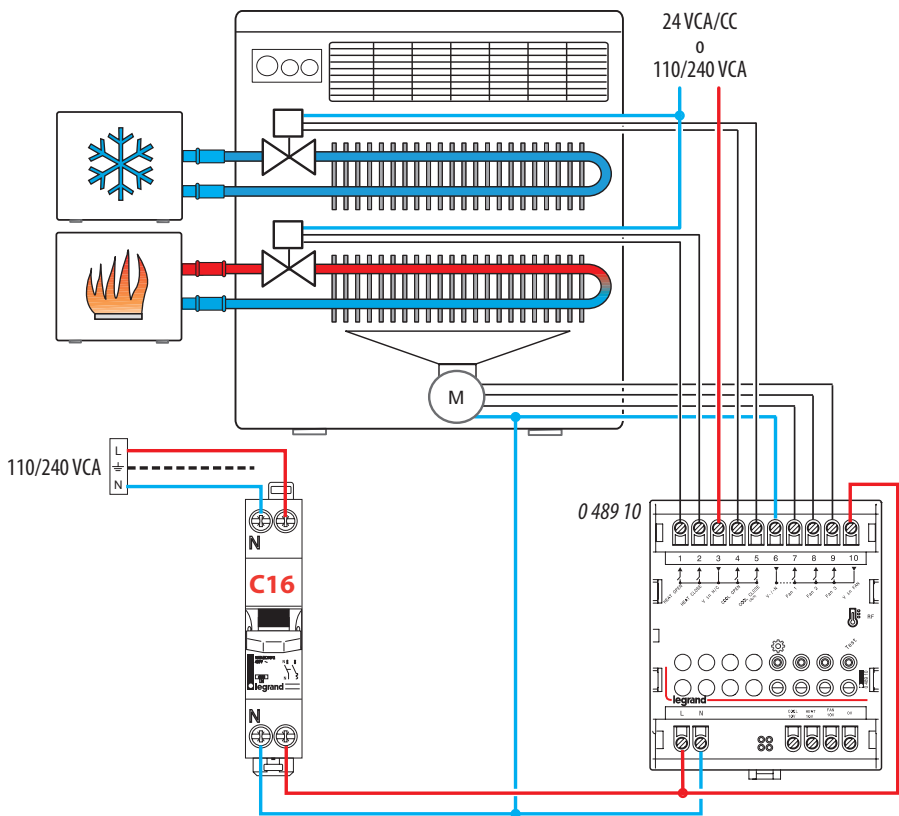
Sistemas con válvulas 0-10 V, ventilador de 3 velocidades



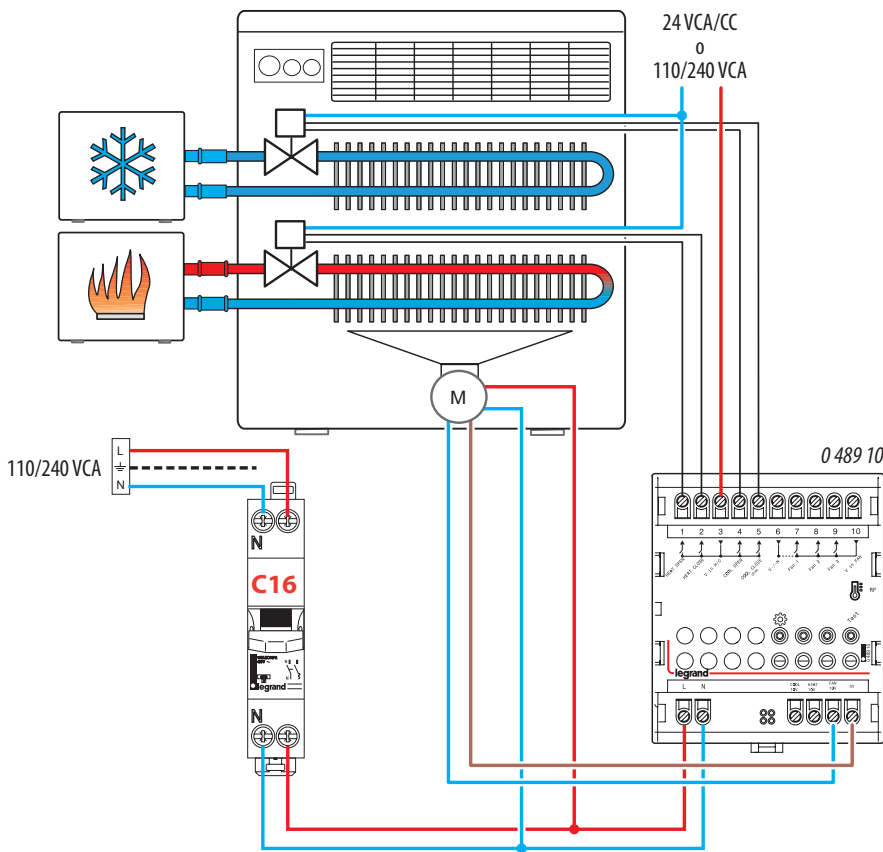
Sistemas con válvulas 0-10 V, ventilador 0-10 V



Sistemas con válvulas de 3 puntos, ventilador de 3 velocidades



Sistemas con válvulas de 3 puntos, ventilador 0-10 V



Funciones

Funciones disponibles:

- Gestión desde App Home + Control
- Visualización y modificación de la temperatura
- Visualización y modificación de la velocidad del ventilador
- Boost
- Visualización de la humedad del ambiente
- Compatible Google Assistant
- Compatible Alexa
- Compatible HomeKit

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FreeRTOS

Version 7.0.1

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By using FreeRTOS, Netatmo offers to provide the FreeRTOS source code (including any modifications we may have made) should you request it.

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.

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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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Hmacsha512

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ctype

Character types

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