

Thermostat connecté Smarther AC with Netatmo

XW8003 - XM8003 - XG8003

0 490 43 - 0 490 44

XW8003W - 0 490 45

Description

Smarther AC with Netatmo est le thermostat connecté pour les systèmes HVAC : il est en mesure de gérer directement une unité murale grâce à l'émetteur IR intégré, mais aussi des systèmes de plus grandes dimensions constitués de plusieurs unités ou ventilo-convecteurs, grâce à la compatibilité avec les accessoires dédiés.

Depuis dispositif, il est également possible de régler manuellement le niveau de température à atteindre et la vitesse des ventilateurs et d'activer la modalité Boost qui permet de forcer l'allumage de l'installation pendant une durée limitée (15, 30 ou 45 minutes) indépendante de la température mesurée ou de la température programmée et la fonction ON OFF pour allumage et arrêt du thermostat. Il permet en outre de visualiser la température et l'humidité ambiantes. Avec l'Appli Home + Control, il est possible de programmer et de gérer la température de manière à la fois simple et intuitive.

Grâce à la connexion Wi-Fi dont il est doté, Smarther AC with Netatmo peut être programmé et commandé à distance. Smarther AC with Netatmo peut également être contrôlé par les assistants vocaux Google, Amazon Alexa et Apple HomeKit.

Smarther AC with Netatmo version à encastrement

XW8003/XM8003/XG8003/0 490 43/0 490 44.

Le dispositif est compatible avec les boîtiers au standard italien (500/503E/502PB), français et anglais (UA1).

Smarther AC with Netatmo version murale XW8003W/0 490 45.

Il peut être installé au mur en utilisant des vis et des chevilles adaptées aux caractéristiques de la surface de montage.

L'installation peut comprendre un maximum de 10 thermostats.

Avec un unique Smarther AC with Netatmo, en fonction du type d'installation, il est possible de contrôler (via RF) :

- A) jusqu'à 10 émetteurs IR connectés (ayant le même protocole de communication et installés dans un maximum de 10 pièces de l'appli Home + Control). Dans ce cas, l'émetteur IR intégré au thermostat Smarther AC peut être désactivé ou peut être utilisé en parallèle avec les émetteurs IR pour contrôler une autre unité.
- B) jusqu'à 5 actionneurs HVAC, à condition qu'ils soient tous dans la même pièce et que les ventilo-convecteurs commandés soient du même type.

Articles liés

3460IR Émetteur IR connecté
0 489 10 Actionneur HVAC

Caractéristiques techniques

Alimentation : 110 – 240 Vac, 50/60Hz

Absorption : 2 W max

Section maximum des câbles : 1 x 1,5mm²

Portée contacts : 5(2) A

Température de fonctionnement : 5 – 40 °C

Type actionnement : 1BU

Degré de pollution : 2

Tension d'impulsion nominale : 4 kV

Compatible Émetteur IR (3460IR)

Compatible Actionneur Ventilo-convecteur (0 489 10)

Dispositif sans fil conforme au standard 802.11b/g/n, fréquence 2.4 – 2.4835 GHz, puissance de transmission < 20 dBm.

Protocole de sécurité WEP/WPA/WPA2. Protocole IPv4

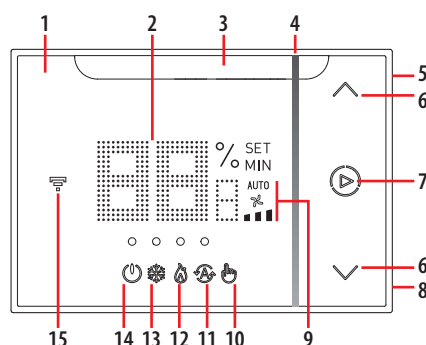
Ports utilisés par Smarther AC with Netatmo et Application Home + Control:

- 25050 TCP - pour le trafic Internet et l'authentification de l'utilisateur.

- 80/443 - HTTP/HTTPS

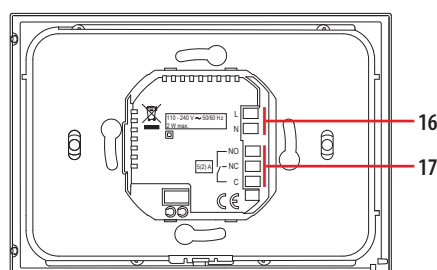
Technologie : Bande de fréquence radio 2,4 GHz (16 canaux) - Byte rate : 250 KB/s
Réseau MESH autoréparateur avec un niveau de sécurité élevé (AES128) conforme à HA1.2 de la norme IEEE 802.15.4 (LR-WPAN).

Vue frontale

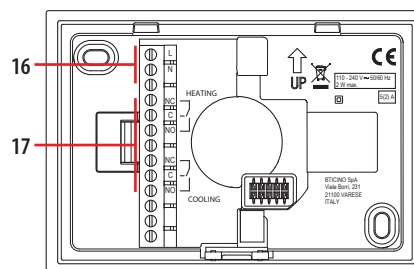


Vue postérieure

Version à encastrement



Version murale



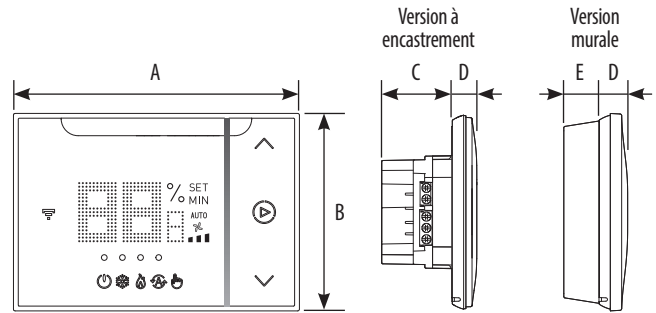
Légende

1. Écran tactile
2. Visualisation température (*) / humidité
3. Émetteur IR
4. Indicateur de temps restant de fonctionnement en modalité « Boost »
5. Touche connexion Wi-Fi Réglage et Réglages RF
6. Touches de réglages température
7. Touche à deux fonctions :
- pression brève activation modalité Boost
- pression prolongée 3" activation OFF-ON (**)
8. Touche Reset (maintenir enfoncée pendant 10"; rétablit les réglages par défaut)
9. Indicateur de la vitesse du ventilateur de l'unité ou ventilo-convecteur (Automatique/1/2/3)
10. Indicateur modalité manuelle
11. Indicateur modalité automatique
12. Indicateur chauffage
13. Indicateur climatisation
14. Indicateur « Thermostat éteint »
15. Indicateur connexion Wi-Fi
16. Bornes de branchement alimentation (voir schémas)
17. Bornes de branchement (utilisation future)

(*) Sur les installations à unités de type split, la température mesurée par le thermostat Smarther ne fait pas office de référence pour l'allumage/l'extinction de l'installation. La température de référence est la température lue par les unités et ne peut être visualisée ni sur le thermostat Smarther ni sur l'appli.

(**) Disponible à partir de la version FW44

Données dimensionnelles



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

Configuration

Pour la configuration et l'installation du dispositif et pour toute autre information, faire référence aux instructions ci-dessous ou à la documentation dans le catalogue en ligne du produit.

Download App



Home + Control

Google Play : l'utilisation de la version la plus récente d'Android avec accès à Google Play est recommandée

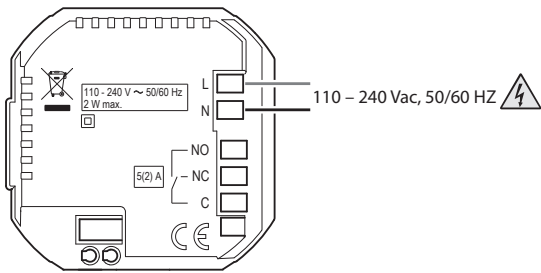


iOS : Pour contrôler cet accessoire HomeKit l'utilisation de la version la plus récente d'iOS ou d'iPadOS est recommandée

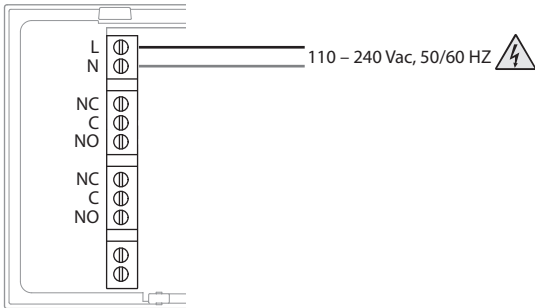


Schémas de branchement

Version à encastrément



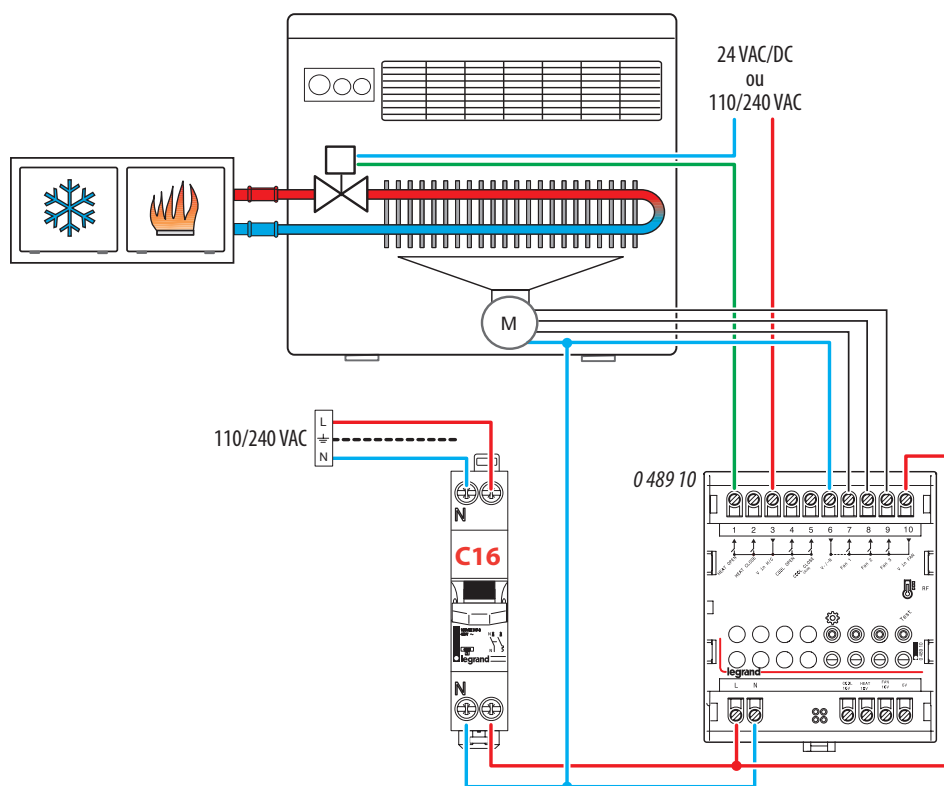
Version murale



Système avec 1 ventilo-convecteur à 2 tuyaux

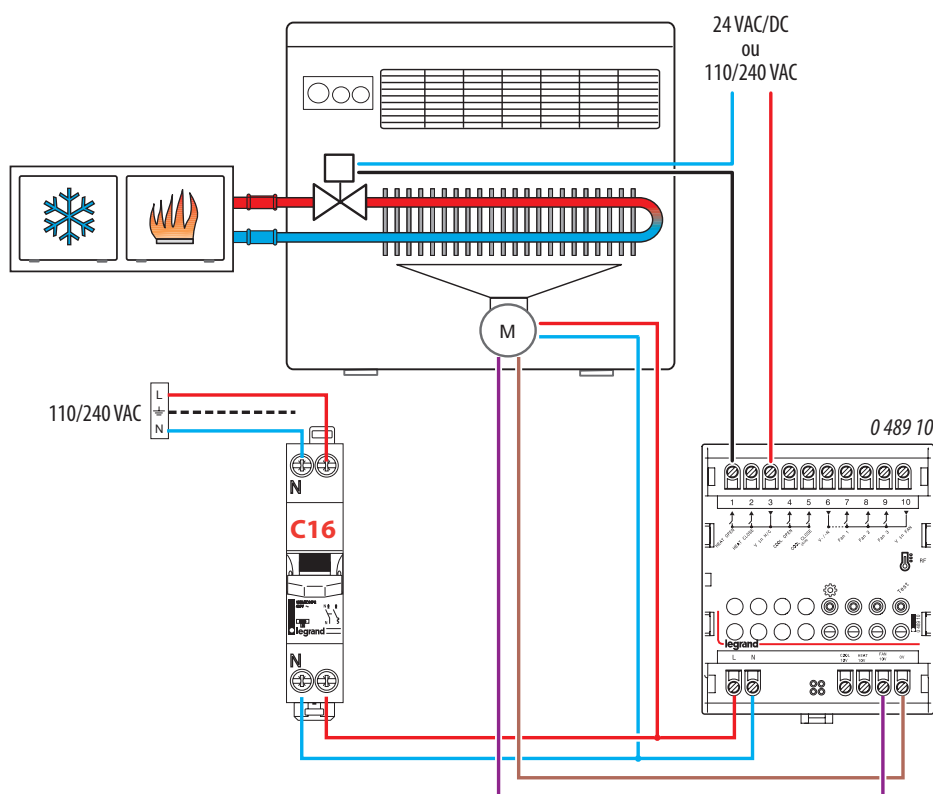
Système avec vanne On/Off, ventilateur à 3 vitesses

Chauffage uniquement - climatisation uniquement - chauffage ou climatisation avec commutation manuelle.



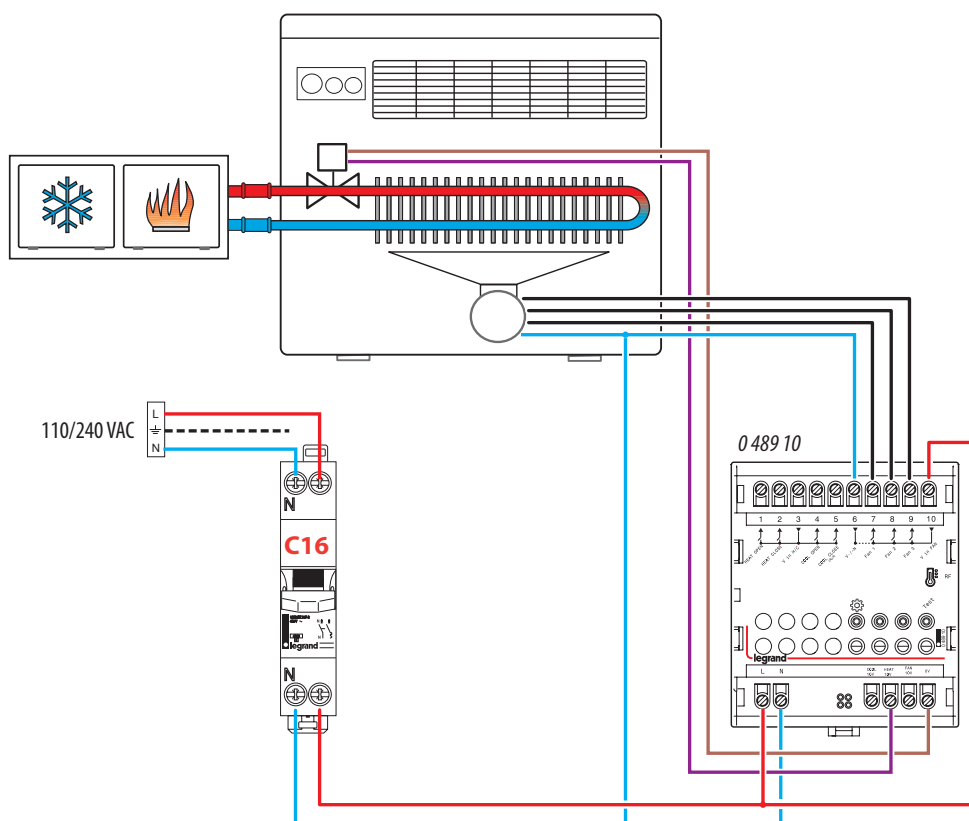
Système avec vanne On/Off, ventilateur 0-10V

Chauffage uniquement - climatisation uniquement - chauffage ou climatisation avec commutation manuelle.

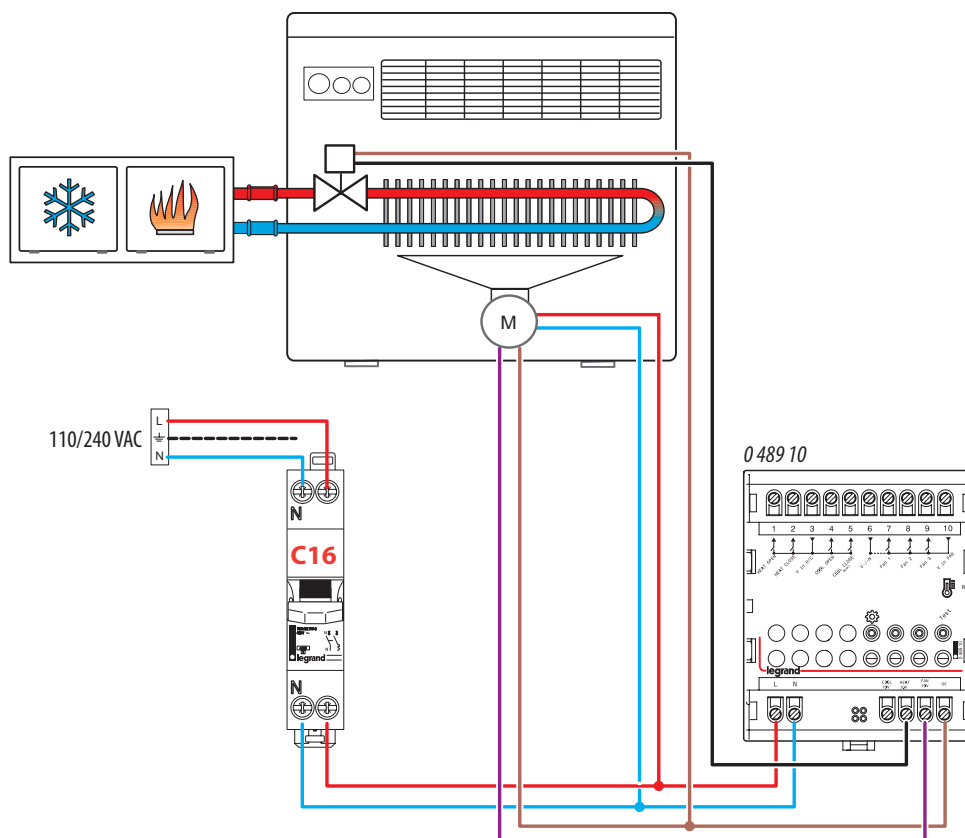


Système avec vanne 0-10, ventilateur à 3 vitesses

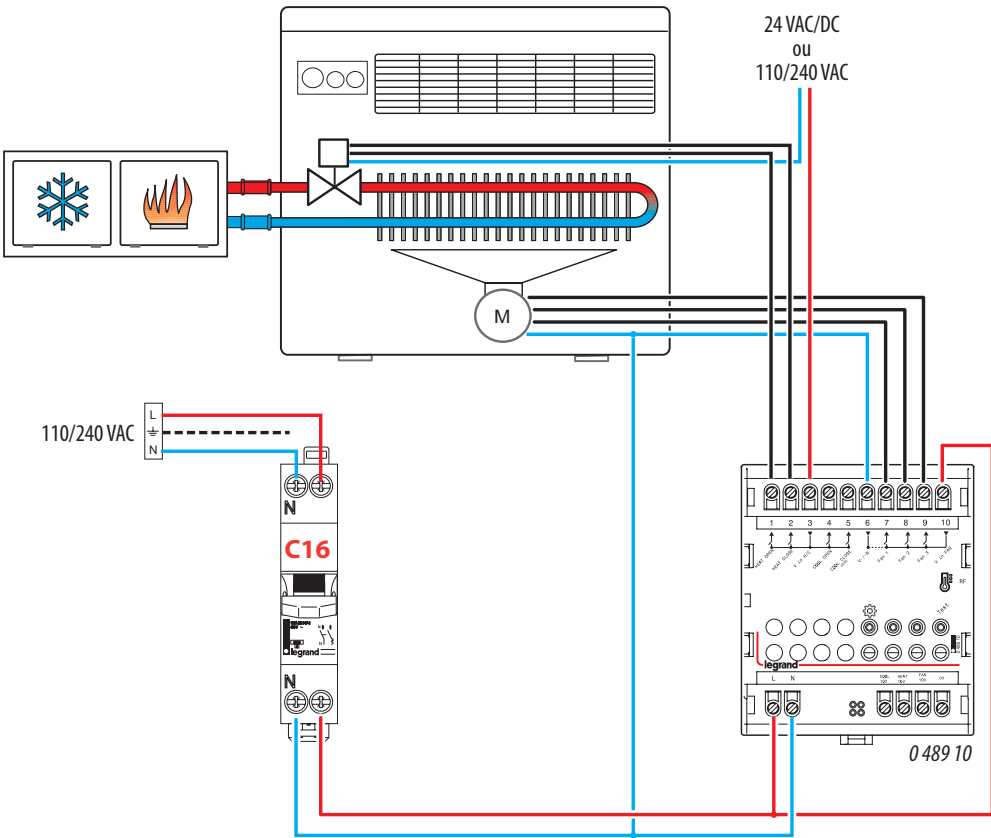
Chauffage uniquement - climatisation uniquement - chauffage ou climatisation avec commutation manuelle



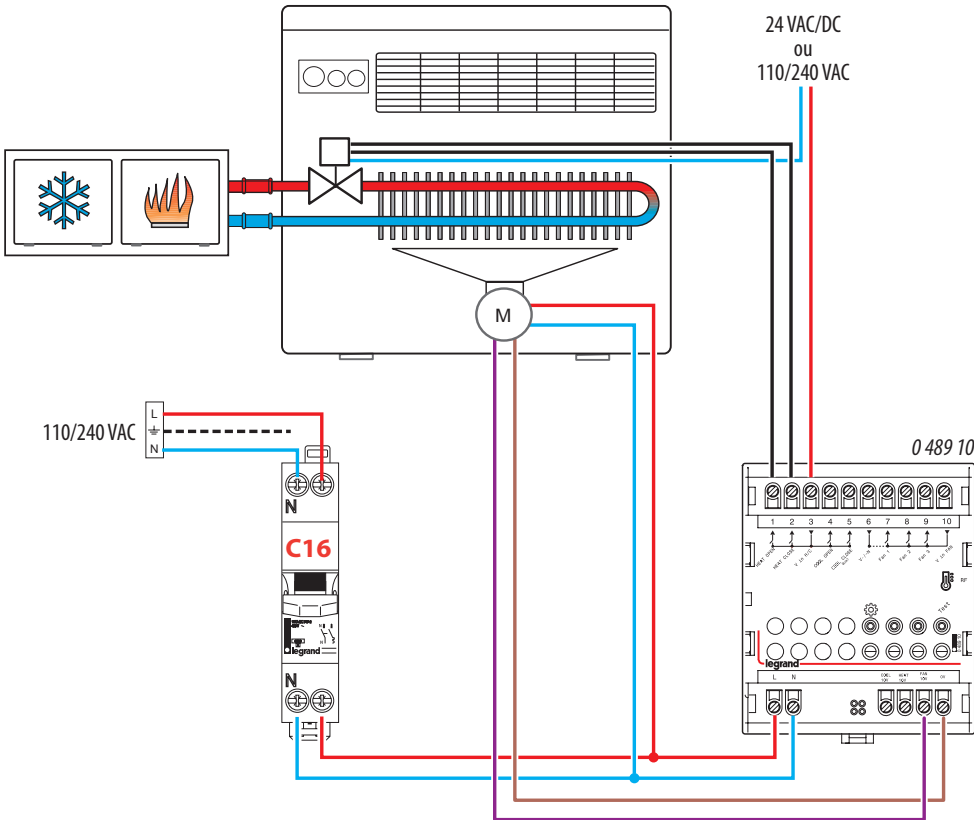
Système avec vanne 0-10 V, ventilateur 0-10V



Système avec vannes à 3 points, ventilateur à 3 vitesses
Chauffage uniquement - climatisation uniquement - chauffage ou climatisation avec commutation manuelle.



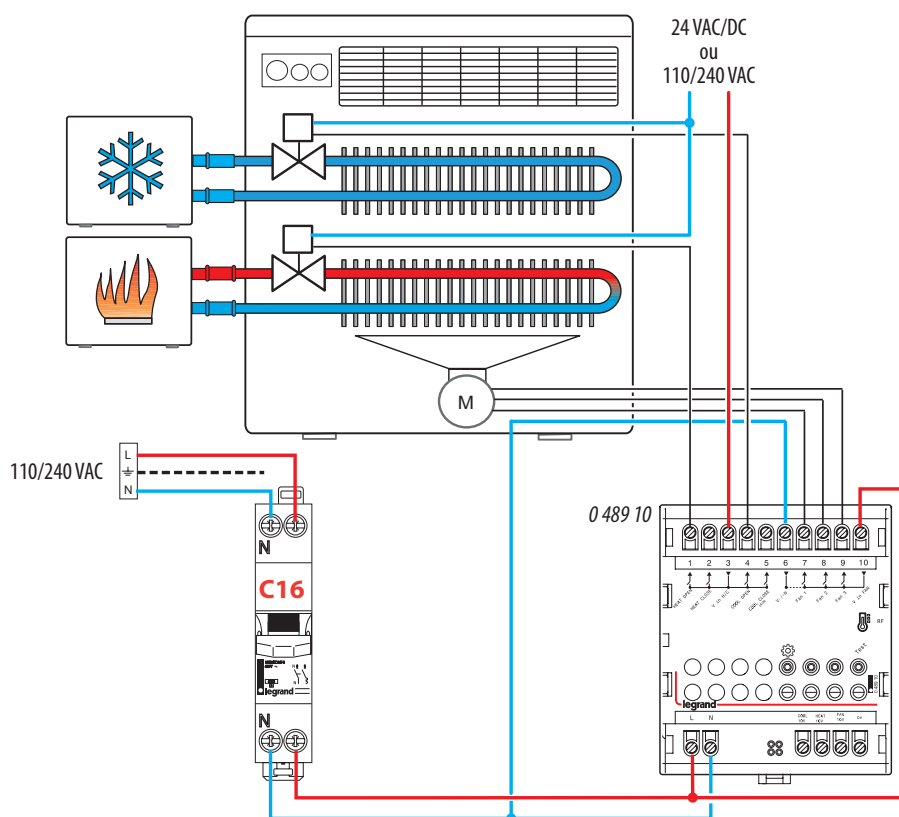
Système avec vanne à 3 points, ventilateur 0-10V



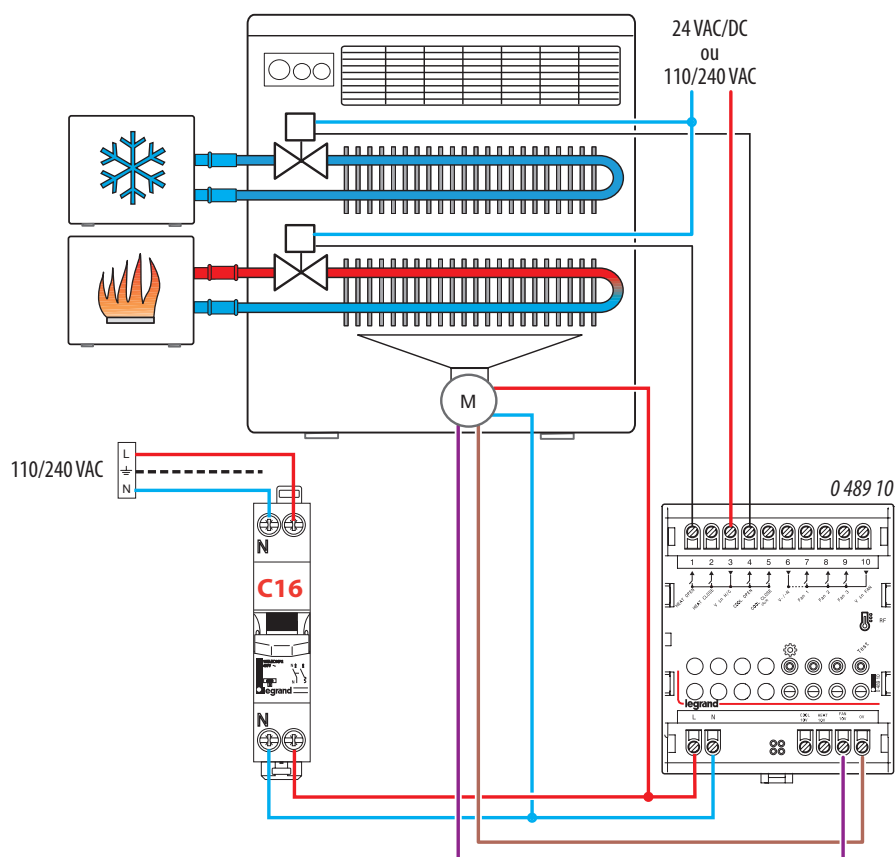
Système avec 1 ventilo-convecteur à 4 tuyaux

Système avec 2 vannes On/Off, ventilateur à 3 vitesses

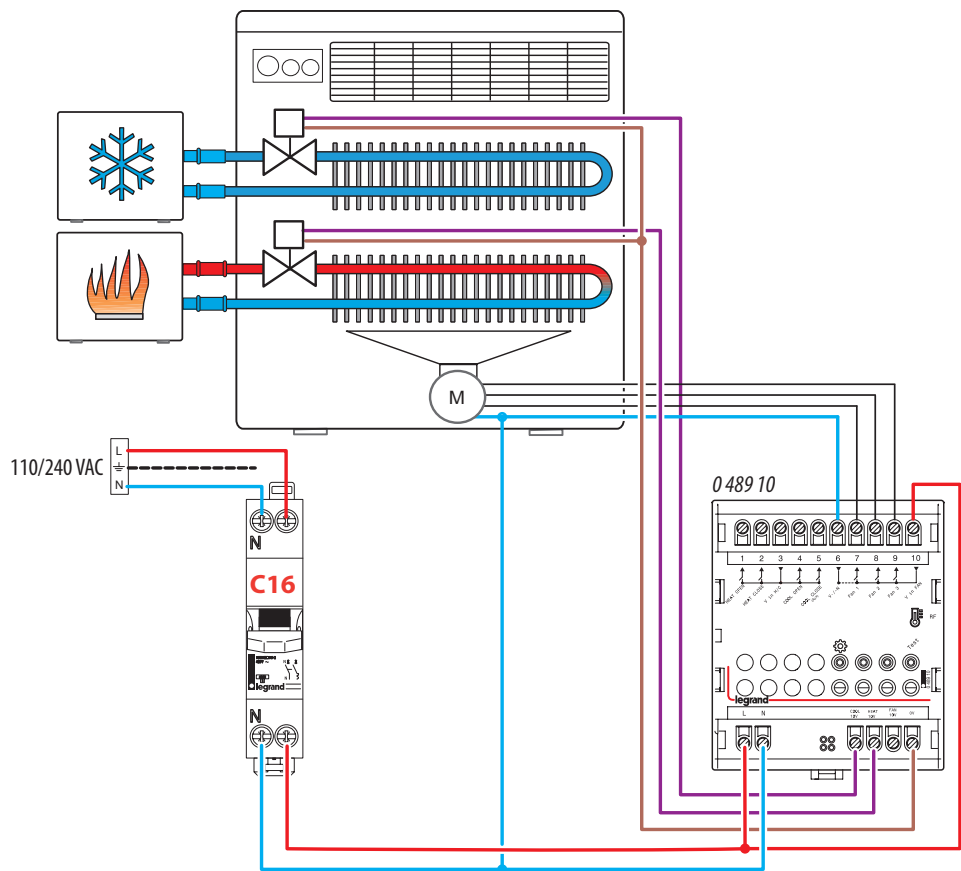
Chauffage ou climatisation avec commutation automatique ou manuelle.



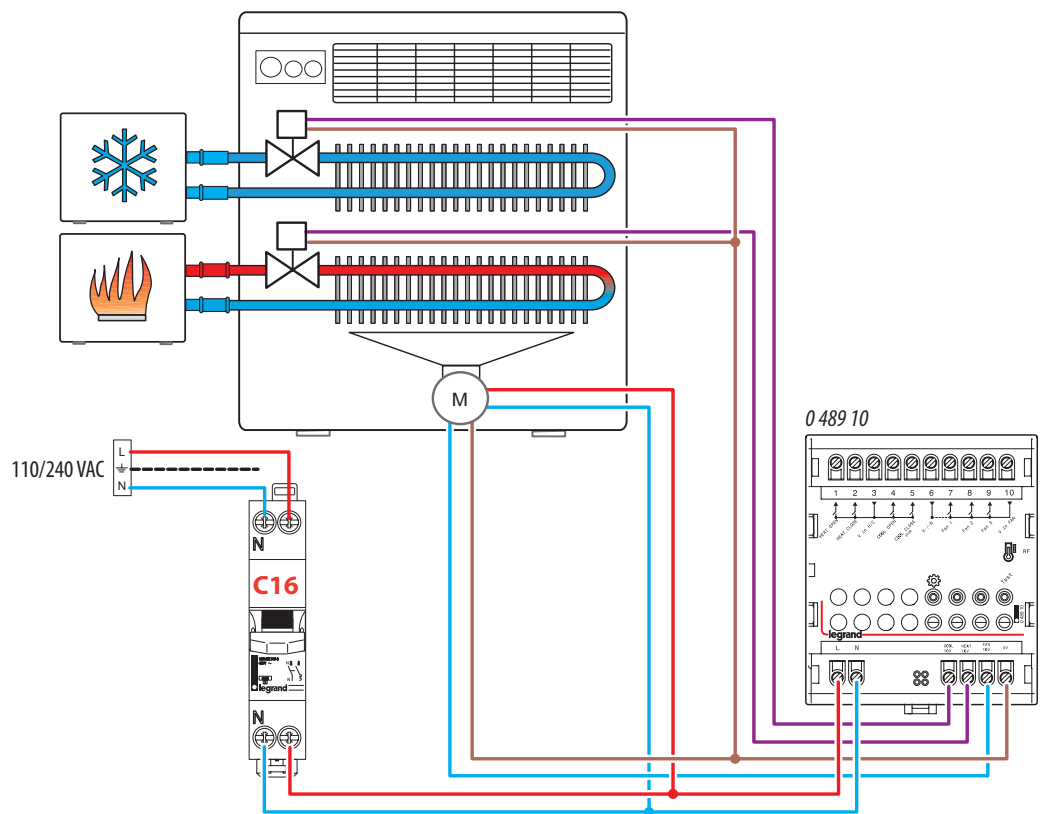
Système avec vannes On/Off, ventilateur 0-10V



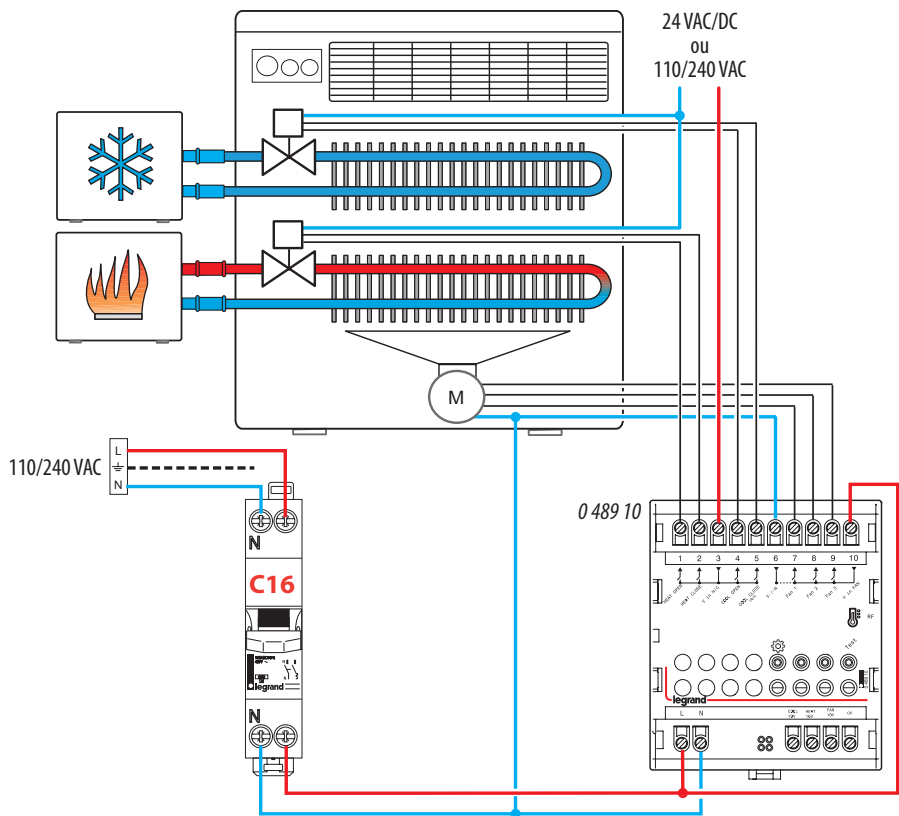
Systèmes avec vannes 0- 10 V, ventilateur à 3 vitesses



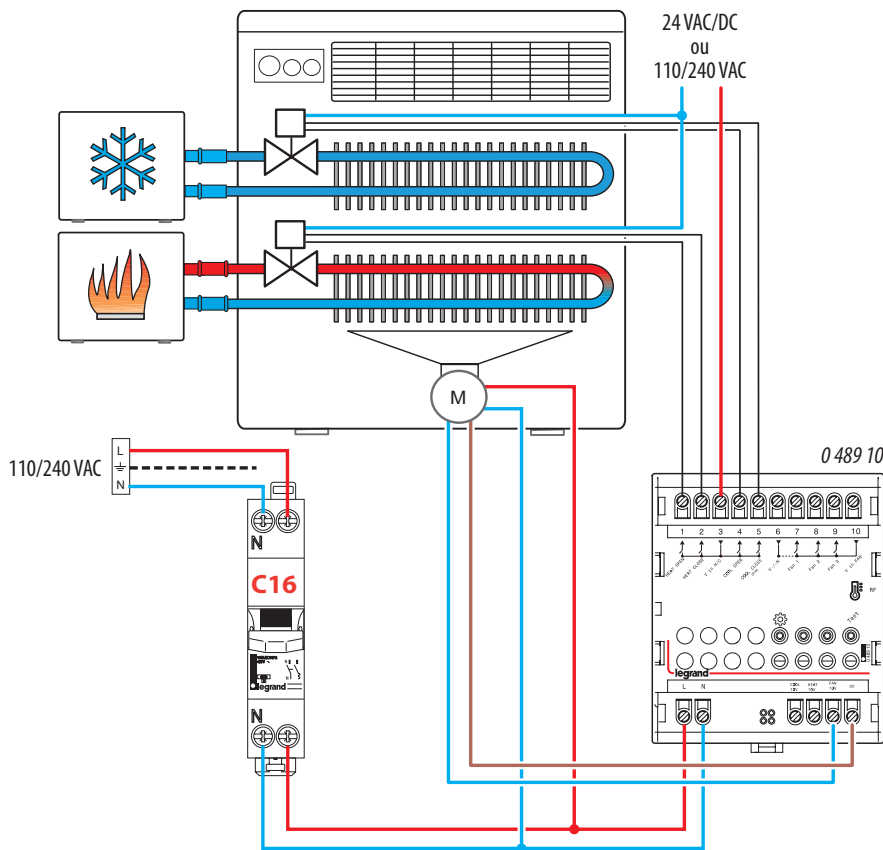
Systèmes avec vannes 0-10 V, ventilateur 0-10V



Systèmes avec vannes à 3 points, ventilateur à 3 vitesses



Systèmes avec vannes à 3 points, ventilateur 0-10V



Fonctions

Fonctions disponibles :

- Gestion via Appli Home + Control
- Visualisation et modification température
- Visualisation et modification de la vitesse du ventilateur
- Boost
- Visualisation humidité ambiante
- Compatible avec Google Assistant
- Compatible avec Alexa
- Compatible avec HomeKit

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FreeRTOS

Version 7.0.1

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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.

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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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Libsodium

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Hmacsha512

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ctype

Character types

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