

Verbonden thermostaat Smarter with Netatmo

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

Beschrijving

De verbonden thermostaat Smarter with Netatmo in combinatie met de app Home + Control is een apparaat dat gebruikt kan worden voor het nauwkeurig en punctueel regelen en monitoren van de temperatuur van de vertrekken. De volledige programmering en het merendeel van de functies kunnen eenvoudig en intuïtief worden verricht met de app. Dankzij de wifi-verbinding kan Smarter with Netatmo worden geprogrammeerd en op afstand worden aangestuurd. Bovendien kunnen de temperatuur en de vochtigheid die in de ruimte gemeten zijn worden weergegeven. Plaatselijk kunnen de instelling van het temperatuurniveau voor de handbediende werking worden ingesteld en de Boost-modus voor de kortdurende (30, 60 of 90 minuten) geforceerde inschakeling van de installatie geactiveerd worden, ongeacht de temperatuur die gemeten en geprogrammeerd is.

Om een maximaal comfort te bereiken kan voor elke ruimte een andere temperatuur worden ingesteld dankzij de compatibiliteit met intelligente Netatmo-thermostaatventielen.

Smarter with Netatmo kan gecontroleerd worden met de spraakassistenten van Google, Amazon Alexa en Apple HomeKit.

Smarter with Netatmo inbouwversie XW8002/XM8002/XG8002/SXW8002/SXM8002/SXG8002/0 490 38/0 490 39.

Hij kan geïnstalleerd worden in inbouwdozen type 503E en in ronde inbouwdozen:

- type 500;
- type 502PB;
- type 0 800 21 en 0 800 41.

Smarter with Netatmo muurversie XW8002W/SXW8002W/0 490 40.

Hij kan geïnstalleerd worden aan de muur met schroeven en pluggen die voor de eigenschappen van de ondergrond geschikt zijn.

Uw installatie kan maximaal 10 thermostaten bevatten.

Elke thermostaat kan met maximaal intelligente Netatmo-thermostaatventielen, verdeeld over maximaal 10 verschillende vertrekken, worden gekoppeld.

Aanverwante accessoires

NA-NAV-PRO Intelligente thermostaatventielen Netatmo

Technische gegevens

Voeding:	110 – 240 Vac, 50/60Hz
Stroomopname:	2 W máx.
Maximum doorsnede van de kabels:	1 x 1,5mm ²
Bereik contacten:	5(2) A
Bedrijfstemperatuur:	5 – 40 °C
Setpoint voor verwarming:	5 – 30 °C
Setpoint voor koelen:	5 – 40 °C
Soort aansturing:	1BU
Vervuilsgraad:	2
Nominale pulsspanning:	4 kV

Draadloos apparaat overeenkomstig de norm 802.11b/g/n, frequentie 2,4 – 2,4835 GHz, zendvermogen < 20 dBm.

Veiligheidsprotocol WEP/WPA/WPA2. Protocol IPv4.

Door Smarter with Netatmo en Home + Control App gebruikte poorten:

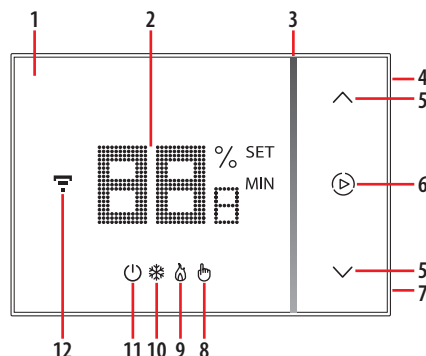
- 25050 TCP - voor webverkeer en gebruikersauthenticatie.
- 80 / 443 - HTTP / HTTPS

Draadloze verbinding: communicatie over korte afstand, frequentie 868MHz/915MHz, zendvermogen < 25mW e.r.p.

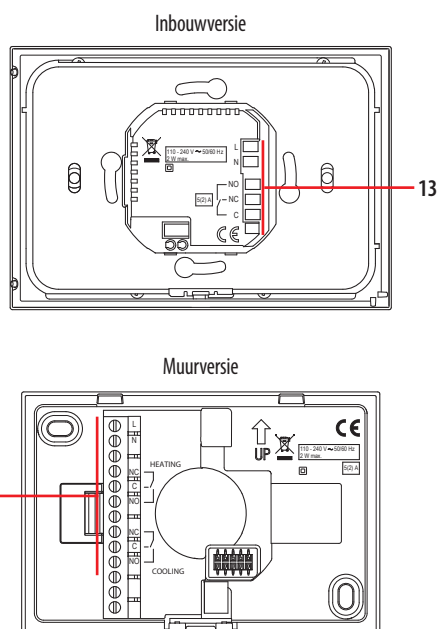
Smarter 2 with Netatmo (art. XW8002, XM8002, XG8002, XW8002W, SXW8002, SXM8002, SXG8002, SXW8002W, 0 490 38, 0 490 39, 0 490 40) kan worden ingesteld voor de werking in klasse IV volgens de Rondbrief van de Europese Commissie 2014/C 207/02 en:

- kan gebruikt worden voor de in- en uitschakeling en de programmering van een weekprogramma op afstand;
- geeft met de applicatie voor de smartphone "Home + Control" het energieverbruik aan de hand van de werktijd van de installatie en de weergave van het overzicht van de gegevens in een grafiek;
- toont de huidige werkomstandigheden en de regeltemperatuur van de installatie.

Vooraanzicht



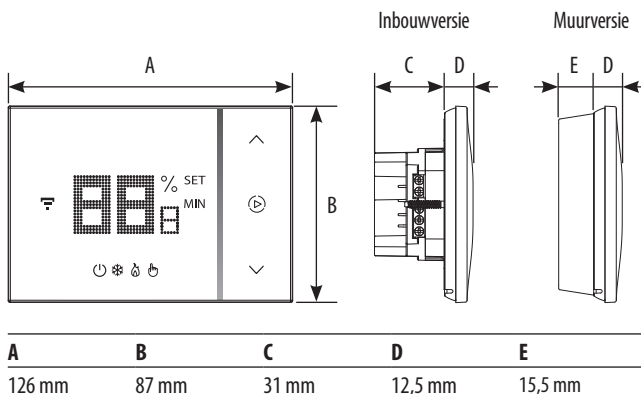
Achteraanzicht



Legende

1. Display touchscreen
2. Weergave temperatuur/vochtigheid
3. Indicator werking in "boost"-modus
4. Toets WiFi-verbinding
5. Toetsen voor temperatuurinstelling
6. Activering boost-modus
7. Resettoets (10" ingedrukt houden, herstelt de fabrieksinstellingen)
8. Indicator handbediende modus
9. Indicator verwarming ingeschakeld
10. Indicator koeling ingeschakeld
11. Indicator "Thermostaat uit";
temperatuur (antivriesbeveiliging) tijdens het verwarmen;
OFF tijdens het koelen.
12. Indicator WiFi-verbinding
13. Aansluitklemmen (zie schema's)

Afmetingen



Configuratie

Raadpleeg de documentatie die van de website gedownload kan worden voor de configuratie en installatie van het apparaat.



www.homesystems-legrandgroup.com

Zoek naar "Home + Control" om de applicatie uit App Store of Google Play te downloaden.



App Home + Control



ANDROID: Vereist Android 5.0 en hoger met toegang tot Google Play.
iOS: Vereist een iPhone, iPad, of iPod touch met iOS 12.0 of hoger.

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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.

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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ctype

Character types

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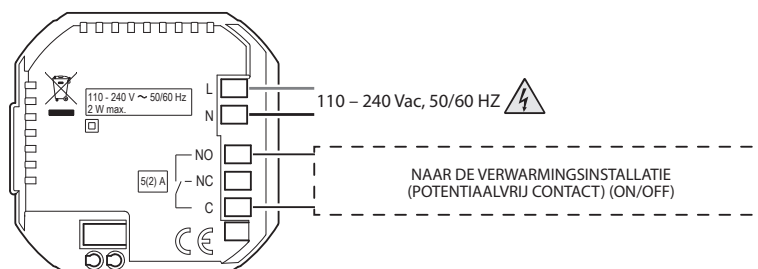
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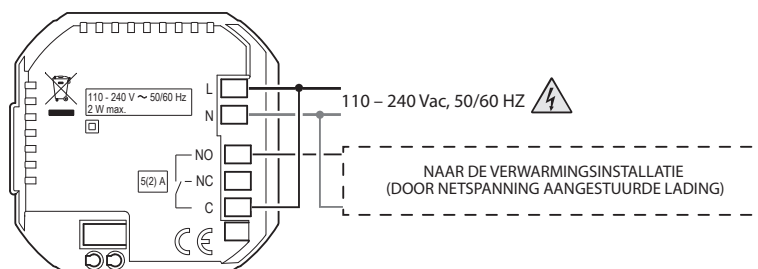
Aansluitschema's

Inbouwversie

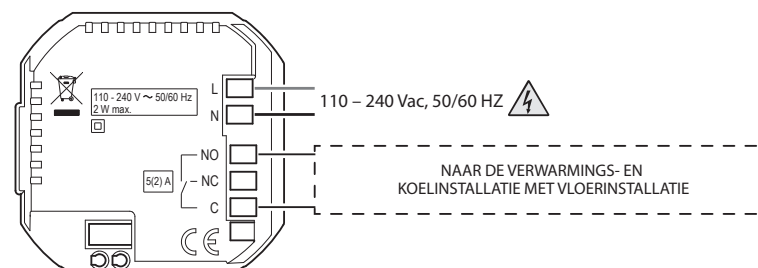
Installatie enkel verwarming met potentiaalvrij contact (bijv. consensus ketel)



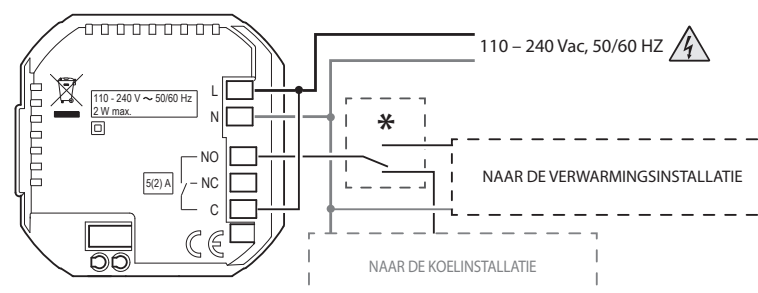
Installatie enkel verwarming met door netspanning aangestuurde lading (bijv. magneetklep 230Vac)



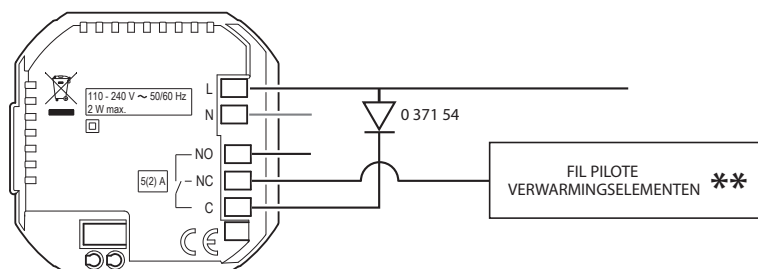
Verwarming en koeling met vloerinstallatie



Verwarming en koeling met verschillende installaties



Verwarmingsinstallatie met fil pilote verwarmingselementen

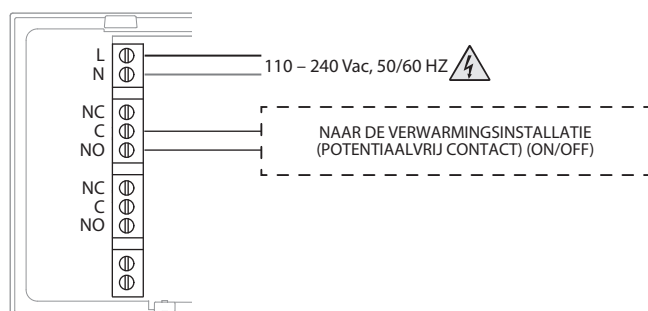


* De externe schakelaar moet correct geactiveerd worden wanneer de functie van het systeem overschakelt van verwarming naar koeling en omgekeerd.

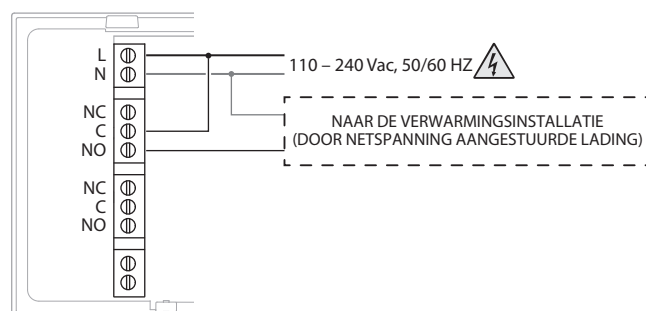
**Voor een correcte werking van Smarter wanneer deze met fil pilote verwarmingselementen wordt gebruikt, moet op het verwarmingselement de hoogst mogelijke COMFORT-temperatuur worden ingesteld. Een hogere temperatuur van de COMFORT-temperatuur die op het verwarmingselement ingesteld is, niet worden gebruikt, ongeacht het setpoint dat op Smarter is ingesteld.

Muurversie

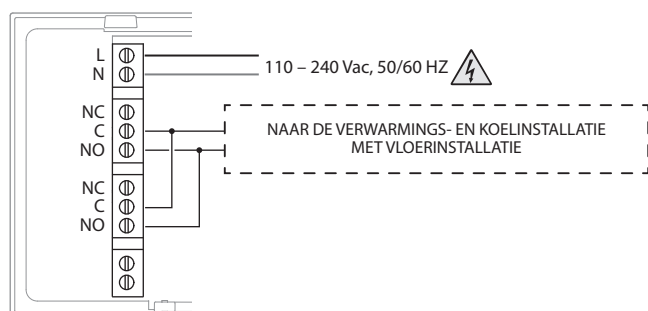
Installatie enkel verwarming met potentiaalvrij contact (bijv. consensus ketel)



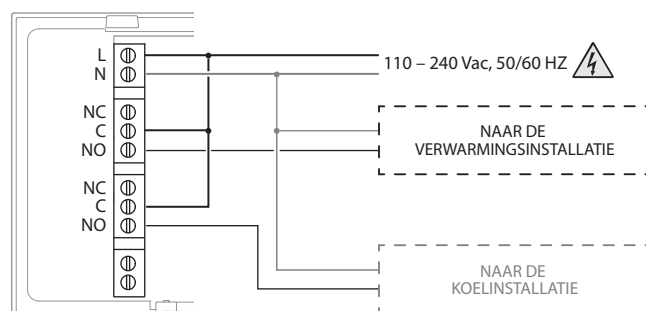
Installatie enkel verwarming met door netspanning aangestuurde lading (bijv. magneetklep 230Vac)



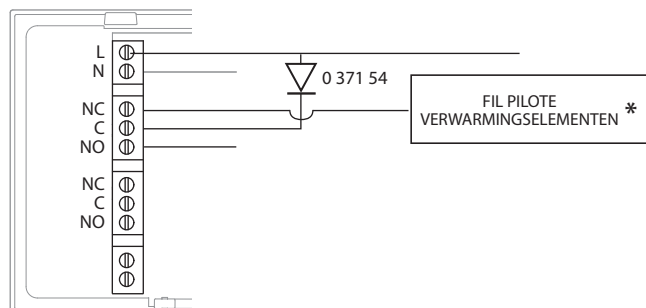
Verwarming en koeling met vloerinstallatie



Verwarming en koeling met verschillende installaties



Verwarmingsinstallatie met fil pilote verwarmingselementen



* Voor een correcte werking van Smarter wanneer deze met fil pilote verwarmingselementen wordt gebruikt, moet op het verwarmingselement de hoogst mogelijke COMFORT-temperatuur worden ingesteld. Een hogere temperatuur van de COMFORT-temperatuur die op het verwarmingselement ingesteld is, niet worden gebruikt, ongeacht het setpoint dat op Smarter is ingesteld.

Functies

Beschikbare functies:

- Beheer met App Home + Control
- Weergave en wijziging temperatuur
- Boost
- Weergave luchtvochtigheid
- Compatibel met Netatmo Additionele Slimme Radiatorkraan
- Compatibel met Google Assistant
- Compatibel met Alexa
- Compatibel met HomeKit