

Termostato conectado Smarter AC with Netatmo

XW8003 - XM8003 - XG8003

0 490 43 - 0 490 44

XW8003W - 0 490 45

Descrição

Smarter AC with Netatmo é o termostato conectado para os sistemas HVAC: pode gerir diretamente uma unidade de parede graças ao emissor IR incorporado, mas também sistemas maiores com mais unidades de ar condicionado ou Fan coil, graças à compatibilidade com acessórios específicos.

No dispositivo é possível definir também manual o nível de temperatura a atingir, a velocidade das ventoinhas e a ativação do modo Boost, que permite forçar a ligação do sistema por um período limitado (15, 30 ou 45 minutos), independente da temperatura medida ou da programada e a função ON OFF para o acendimento e desligamento do termostato. Além disso, permite visualizar a temperatura e a humidade medidas. Em combinação com o Home + Control App é possível programar e gerir a temperatura de uma forma simples e intuitiva.

Grças à conexão Wi-Fi, o Smarter AC with Netatmo pode ser programado e controlado remotamente. O Smarter AC with Netatmo também pode ser controlado através dos assistentes de voz Google, Amazon Alexa e Apple HomeKit.

Smarter AC with Netatmo versão a encaixar XW8003/XM8003/XG8003/0 490 43/0 490 44.

O dispositivo é compatível com as caixas padrão italiano (500/503E/502PB), francês e inglês (UA1).

Smarter AC with Netatmo versão na parede XW8003W/0 490 45.

Pode ser instalado na parede usando parafusos e buchas adequadas às características da superfície de instalação.

Pode ter até 10 termostatos no seu sistema.

Uma única Smarter AC with Netatmo, dependendo do tipo de instalação, pode controlar (via RF):

- A) até 10 emissores IR conectados (que tenham o mesmo protocolo de comunicação e que estejam colocados num máximo de 10 salas da app Home + Control). Neste caso, o emissor de IR incorporado no Smarter AC pode ser desactivado ou pode ser utilizado em paralelo com os emissores de IR para controlar outra unidade de ar condicionado.
- B) até 5 atuadores HVAC, com o limite de que estes estejam todos na mesma sala e que os Fan Coil sejam do mesmo tipo.

Itens relacionados

3460IR Emissor IR conectado

0 489 10 Atuador HVAC

Dados técnicos

Alimentação: 110 – 240 Vac, 50/60Hz

Absorção: 2 W máx.

Seção dos cabos máxima: 1 x 1,5mm²

Alcance dos contatos: 5(2) A

Temperatura de funcionamento: 5 – 40 °C

Tipo de accionamento: 1BU

Grau de poluição: 2

Tensão de impulso nominal: 4 kV

Compatível com Emissor IR (3460IR)

Compatível com Atuador Fancoil (0 489 10)

Dispositivo wireless conforme ao padrão 802.11b/g/n, frequência 2.4 - 2.4835 GHz, potência de transmissão < 20 dBm.

Protocolo de segurança WEP/WPA/WPA2. Protocolo IPv4.

Portas utilizadas pelo Smarter AC with Netatmo e a App Home + Control:

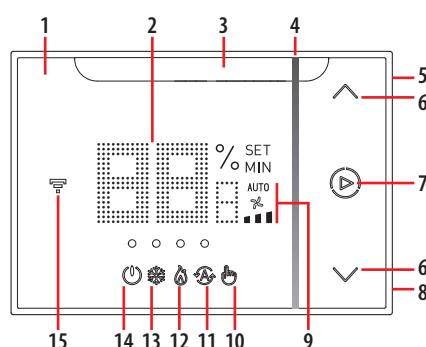
- 25050 TCP - para tráfego web e autenticação utilizador.

- 80/443 - HTTP/HTTPS

Tecnologia: Banda frequência rádio 2,4 GHz (16 canais) - Byte rate: 250 KB/s

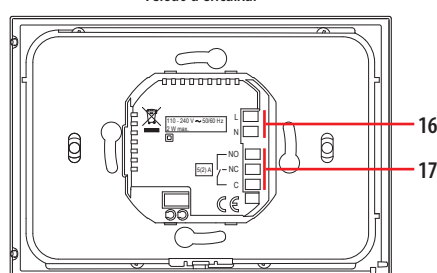
Rede MESH auto-reparável com alto nível de segurança (AES128) em conformidade com HA1.2 da normativa IEEE 802.15.4 (LR-WPAN).

Visão frontal

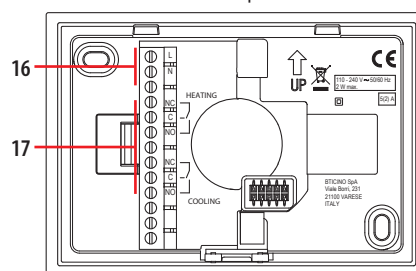


Visão posterior

Versão a encaixar



Versão na parede



Legenda

1. Ecrã touch screen
2. Visualização da temperatura (*) / humidade
3. Emissor IR
4. Indicador de tempo residual do funcionamento no modo "Boost"
5. Tecla de conexão Wi-Fi e definições RF
6. Teclas de configuração da temperatura
7. Tecla de duas funções:
- pressão breve ativação do modo Boost
- pressão prolongada 3" ativação OFF-ON (**)
8. Botão de Rearme [Reset]
(mantendo-o pressionado por 10", restabelece as condições de fábrica)
9. Indicador de velocidade ventoinha da unidade de ar condicionado ou Fan coil (Automático/1/2/3)
10. Indicador do modo manual
11. Indicador do modo automático
12. Indicador de aquecimento
13. Indicador de arrefecimento
14. Indicador "Termostato desligado"
15. Indicador de conexão Wi-Fi
16. Bornes de conexão de alimentação (ver os diagramas)
17. Bornes de conexão (utilização futura)

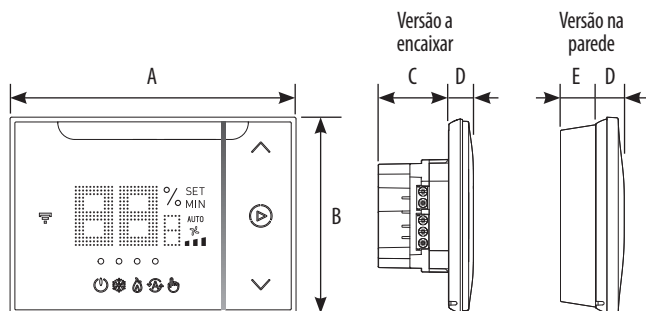
(*) Em sistemas com unidade de ar condicionado, a temperatura medida pelo Smarter não servirá como referência para a ligação/desligamento do sistema. A temperatura de referência será a mostrada pelas unidades de ar condicionado e não poderá ser mostrada nem no Smarter nem na App.

(**) Disponível a partir da versão FW44

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Dimensões



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

Configuração

Para a configuração e a instalação do dispositivo e qualquer outra informação consultar a documentação que pode ser descarregada do site.



www.homesystems-legrandgroup.com

Para descarregar a aplicação da loja Apple ou de Google Play, buscar "Home + Control".



App Home + Control



ANDROID: requer Android 5.0 e posterior com acesso a Google Play.
iOS: requer um iPhone, iPad, ou iPod touch com iOS 12.0 ou posterior.

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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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<https://github.com/cocagne/csrp>

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lwBT

Version 0.1

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This file is part of the lwBT Bluetooth stack.

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OpenSSL

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ctype

Character types

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Newlib

Versions 2.0.0 ; 2.2.0

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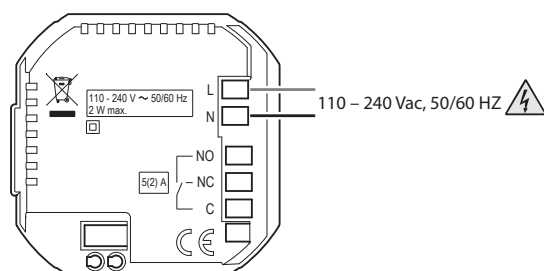
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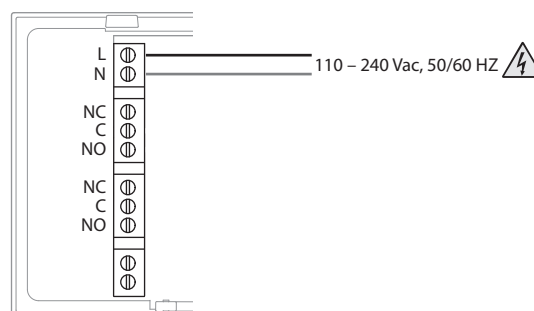
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