

# HEATIT ZM SINGLE RELAY 16A



## Quick Guide

Ver 2021-B

Read the full manual at:  
manuals.heatit.com  
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## INTRODUCTION

Heatit ZM Single Relay is a high power relay for in-wall installations. The relay allows you to control connected devices either through your Z-Wave network or via a wired switch. The module is equipped with a 16A relay and has a scene controller functionality. The device can withstand a load of max 16A/3600W at 230VAC.

## STATEMENT REGARDING PRODUCTS FROM MULTIPLE MANUFACTURERS

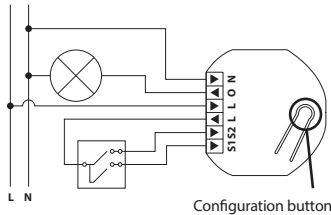
### Please read this before installation

This device may be used with all devices certified with the Z-Wave Plus™ certificate and should be compatible with such devices produced by any manufacturer. Every primary controller is different depending on the manufacturer, their target audience and intended use/application. Please review the functionalities implemented by the primary controller you intend to use with our Z-Wave Plus certified device to ensure that it provides the necessary controls to take full advantage of our product's capabilities.

## INSTALLATION

Installation must be done by a qualified electrician in accordance with national building codes. Before installation, disconnect the power to the device from the mains. During installation of the device, power to the device must be disconnected AT ALL TIMES!

Use 1.5mm<sup>2</sup> to 2.5mm<sup>2</sup> cables according to connected load for the device mains power.



- N Power connection (Neutral) 230VAC.
- O Output. Load needs to be connected between O and Neutral.
- L Power connection (Live) 230VAC.
- S2 Switch 2 is used as a scene controller. NB! In toggle mode, S2 must not be connected.
- S1 Switch 1. Used to control the internal relay.

## ADD/REMOVE

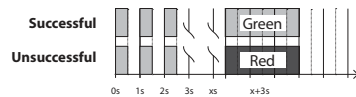
1. Set the primary controller to add mode (secure/non-secure).
2. Press the configuration button or switch connected to S1 x 3 times in rapid succession.
3. The device LED will blink in green when adding procedure has been successfully initiated.
4. Change the value of Parameter 11 to 10% of your connected load.

When the device has been included in the home automation system, the LED will stay green for 3 seconds. The device is now ready for use with default settings.

If the adding process was unsuccessful, the LED will show a red light for 3 seconds. Please perform a "remove device" process and try to add again. If the LED goes red, please see the full manual for more information regarding adding, removing and factory reset.

Adding/removing mode is indicated on the device by a flashing green lights. This lasts until timeout occurs after 90 seconds, or until the device has been added/removed from the network.

NB! When the device is removed from the gateway, the parameters are not reset. To reset the parameters, see the full manual.



## TECHNICAL DATA

Protocol	Z-Wave Plus, 868.4MHz
Chip	Z-Wave 700 chip
Rated voltage	230VAC 50Hz
Max load	3600W (resistive load) 750W self-limiting heating cable
Max current	16A
Power consum.	<1W
Ambient temp.	5°C to 40°C
Storage temp.	-30°C to 70°C
Humidity	Max 95% RH
Range RF	Min. 40 meters
IP Code	IP 20
Size (DxWxH)	46 x 45 x 25mm

Approvals	Z-Wave Plus V2, CE, EN 60669-1:2018, EN 60669-2-1:2004 + A1:2009, EN 60669-1:2004/A1:2010, EN 60669-2-5:2016, IEC 965-2-1, EN 62479:2010, ETSI EN 301 489-3 V2.1.1 (2017-03), ETSI EN 300 220-2 V3.1.1 (2017-02), RoHS 2002/95/EG, WEE 2002/96/EC
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Heatit Controls AB can not be held liable for typographical errors, other errors or omissions in our information. Product specifications may change without further notice. All electrical installations must be carried out by a licensed electrician. The product must be installed in accordance with national building codes and our installers manual.



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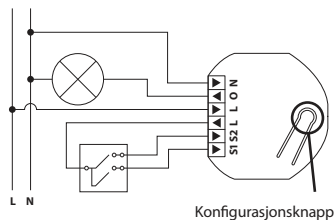


Komplett engelsk manual:  
manuals.heatit.com

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Bruk 1.5mm<sup>2</sup> til 2.5mm<sup>2</sup> kabler for å koble enheten til strømnettet.



Konfigurasjonsknapp

- N Strømtilkobling (nøytral) 230VAC.
- O Utgang. Last kobles mellom O og nøytral.
- L Strømtilkobling (Live) 230VAC.
- L Strømtilkobling (Live) 230VAC.
- S2 Bryter 2. Brukes til scenestyring.  
NB! I vippebrytermodus kan ikke S2 benyttes.
- S1 Bryter 1. Brukes til å kontrollere det interne reléet.

## INKLUDERING/EKSKLUDERING

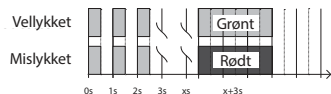
- Sett gatewayen i inkluderingsmodus (security/non-security).
- Trykk på funksjonsknappen eller bryteren som er koblet til S1, tre ganger i rask rekkefølge.
- Enheden vil blinke grønt når inkluderingsprosessen har satt igang.
- Endre verdien i Parameter 11 til 10% av din tilkoblede last.

Når enheten har blitt inkludert i smarthus-systemet, vil den lyse grønt i 3 sekunder. Enheten er nå klar til bruk med standardinnstillinger.

Hvis enheten ikke ble lagt til, lyser den rødt i 3 sekunder. Utfør ekskluderingsprosessen og prøv igjen. Hvis LED-lampen lyser rødt igjen, vennligst les den fullstendige manualen for mer informasjon om inkludering, ekskludering og fabrikkinnstillinger.

Inkluderings-/ekskluderingsmodus indikeres ved at lyset blinker grønt. Dette varer til tidsavbrudd etter 90 sekunder, eller til enheten er lagt til/fjernet fra nettverket.

NB! Når enheten fjernes fra gatewayen, tilbakestilles ikke parametrene. For å tilbakestille parametrene, se fullstendig manual.



## TEKNISKE DATA

Protokoll	Z-Wave Plus, 868,4MHz
Chip	Z-Wave 700 chip
Spenning	230VAC 50Hz
Maks belastning	3600W (resistiv last) 750W selvbegrensende varmekabel
Maks strøm	16A
Effektforbruk	<1W
Omgivelsestemp	5°C til 40°C
Lagringstemp.	-30°C til 70°C
Luftfuktighet	Maks. 95% RH
Rekkevidde RF	Min. 40 meter
IP-klasse	IP 20
Størrelse (LxBxH)	46 x 45 x 25mm

Sertifisering	Z-Wave Plus V2, CE, EN 60669-1:2018, EN 60669-2-1:2004 + A1:2009, EN 60669-1:2004/A12:2010, EN 60669-2-5:2016, IEC 965-2-1, EN 62479:2010, ETSI EN 301 489-3 V2.1.1 (2017-03), ETSI EN 300 220-2 V3.1.1 (2017-02), RoHS 2002/95/EG, WEE 2002/96/EC
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Heatit Controls AB tar forbehold om typografiske feil, andre feil eller mangler i vår informasjon. Produktspesifikasjoner kan bli endret uten ytterligere varsel. Alle elektriske installasjoner skal utføres av autorisert installatør. Produktet skal installeres i henhold til gjeldende NEK 400 og installasjonsveiledning.

**heatit**  
CONTROLS

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