Wiser 16 A Relay for Temperature Control

Device user guide

Information about features and functionality of the device.

04/2025





Legal Information

The information provided in this document contains general descriptions, technical characteristics and/or recommendations related to products/solutions.

This document is not intended as a substitute for a detailed study or operational and site-specific development or schematic plan. It is not to be used for determining suitability or reliability of the products/solutions for specific user applications. It is the duty of any such user to perform or have any professional expert of its choice (integrator, specifier or the like) perform the appropriate and comprehensive risk analysis, evaluation and testing of the products/solutions with respect to the relevant specific application or use thereof.

The Schneider Electric brand and any trademarks of Schneider Electric SE and its subsidiaries referred to in this document are the property of Schneider Electric SE or its subsidiaries. All other brands may be trademarks of their respective owner.

This document and its content are protected under applicable copyright laws and provided for informative use only. No part of this document may be reproduced or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), for any purpose, without the prior written permission of Schneider Electric.

Schneider Electric does not grant any right or license for commercial use of the document or its content, except for a non-exclusive and personal license to consult it on an "as is" basis.

Schneider Electric reserves the right to make changes or updates with respect to or in the content of this document or the format thereof, at any time without notice.

To the extent permitted by applicable law, no responsibility or liability is assumed by Schneider Electric and its subsidiaries for any errors or omissions in the informational content of this document, as well as any non-intended use or misuse of the content thereof.

Table of Contents

Safety Information	4
Wiser 16 A Relay for Temperature Control	5
For your safety	5
About the device	6
Installing the device	6
Pairing the device with the Wiser hub	7
Configuring the device	10
Renaming the device	10
Setting the device location	10
Setting the device control	11
Selecting the floor sensor	12
Offsetting the floor sensor	13
Setting the floor sensor Upper/Lower limit	
Identifying the device	14
Using the device	16
Setting the room temperature using the app	16
Emergency Heating	18
Creating a moment	18
Creating an automation	21
Removing the device	28
Resetting the device	28
LED indications	29
Troubleshooting	29
Technical Data	30
Compliance	31
Product Environmental Data	31
Trademarks	31

Safety Information

Important Information

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this manual or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of either symbol to a "Danger" or "Warning" safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that accompany this symbol to avoid possible injury or death.

A A DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

Failure to follow these instructions will result in death or serious injury.

AWARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

Wiser 16 A Relay for Temperature Control



CCTFR6700 WE714U1A0902

For your safety

ADANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Safe electrical installation must be carried out only by skilled professionals. Skilled professionals must prove profound knowledge in the following areas:

- · Connecting to installation networks
- Connecting several electrical devices.
- Laying electric cables.
- Safety standards, local wiring rules and regulations.

Failure to follow these instructions will result in death or serious injury.

RISK OF FATAL INJURY FROM ELECTRIC SHOCK

The output may carry electrical current even when the load is switched off.

Disconnect the device from the supply by means of the fuse in the incoming circuit before working on the device.

Failure to follow these instructions will result in death or serious injury.

NOTICE

HAZARD OF CONDUCTOR DAMAGE

- For installations with loads of 16 A a minimum of 2.5 mm² conductor should be used.
- When inserting the conductors into the connector blocks make sure that the screws are tightened.

Failure to follow these instructions can result in equipment damage.

NOTICE

RISK OF DAMAGE TO DEVICE

Always operate the product in compliance with the specified technical data.

Failure to follow these instructions can result in equipment damage.

About the device

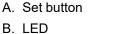
The Wiser 16A Relay (hereinafter referred to as **Relay**) is used to control electrical heaters or electric underfloor heating with On/Off commands or Fil Pilote commands. The fil pilote is a single control wire interface for controlling multiple heaters from a Relay. It can control heaters up to 3000 W.

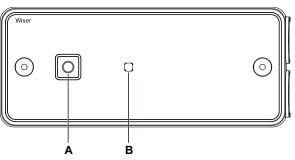
TIP: Pair with Wiser Room Thermostat to control electric heaters or electric underfloor heating.

Features of the Relay:

- Remotely control electrical heating using the Wiser Home app.
- Boost the room temperature using the Wiser Room Thermostat center button.

Diagram of operating elements





Installing the device

Refer to the installation instruction supplied with this product. See installation instructions.

Choosing Suitable Location to Install:

Device positioning

The Relay has to be installed below or to the side of any heat source. It should not be installed behind or above a wall-mounted heater.

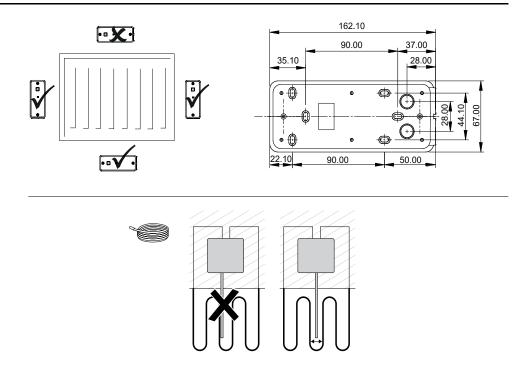
Preparation of the mounting surface

TIP: Breakout tabs can be removed to provide 4x extra mounting holes and 2x larger holes for rear cover cable entry.

Floor sensor installation

It is important that the floor sensor is fitted in the correct location in order to read an accurate floor temperature.

- Floor sensor must be 1 m from edge of the floor, halfway between pipes.
- Make sure the sensor is not sitting on top of heating pipes.
- Assemble sensor cable in a plastic conduit with inside diameter of minimum 16 mm.
- Fix tape to the end of the conduit, cut a slice in the tape to ensure condensation can come out of the conduit.



Pairing the device with the Wiser hub

Using the Wiser Home app, pair your relay with the **Wiser Hub** to access and control the relay.

- 1. On the **Home** screen, tap 🕸.
- 2. Tap Devices > + and tap Climate > 16A .

3. Tap **Scan QR code** and allow the Wiser Home app to access your camera. Then, scan the QR code located on the device.

NOTE: If you are unable to find the correct QR code, tap **I can't find the correct QR code** to pair the device manually and proceed to step 4.

< <device name=""></device>	
Next you can scan the QR code v should be located next to an Insta It may be on the back of the devic side or under the battery cover.	II Code.
I can't find the correct QR co	ode
Scan QR code	

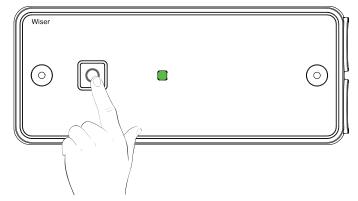
If the QR code is incorrect, a message **Incorrect QR code scanned** will appear. Tap **I can't scan the QR code** and choose one of the following options:

- (A): Enter the Mac Address/EUI-64 and Install Code, then tap Connect. The app will verify if the Mac Address/EUI-64 and Install code are valid.
- **(B):** Tap this option if you are unable to find the Mac Address/EUI-64 and Install code.



< <device name=""></device>	
If you are unable to scan the QR code on the back of your wireless device, you can input the MAC address and Install code below.	
1234 1234 1234 1234	
1234 1234 1234 1234 1234 1234 1234	
Skip and setup manually	B
Connect	

4. Once the device is validated, tap **Next**, press the Set button until the LED flashes green/amber.



Wait for a few seconds until the LED turns green and the app confirms that the relay is joined.



- 5. On the 16A Relay Setup page, select the control type Relay or Pilot wire.
- 6. Tap **Next** to enter the relay name and assign it to new room or an existing room and tap **Submit**.

The relay is now listed on the **Control** tab under the **All** and the specific room tabs.

Configuring the device

Renaming the device

You can rename the device using the Wiser Home app.

- 1. On the **Home** screen, tap 🔅.
- 2. Tap **Devices > Climate > 16A Relay > Name** (A) to rename the device.

NOTE: Type and icon (B) are both assigned automatically, based on whether you have radiators or floor heating. You will be able to view this only after the pairing is completed.

< Device Details 16A Relay 0 &		
OPTIONS	^	
Type Heating		B
Name Heating Relay	1-	A
Location Living Room	ø	
Control Type Fil Plote	ø	
ABOUT	^	1
Firmware Version		
Identify		
Delete		

Setting the device location

Using the Wiser Home app, you can assign the Relay in the room (such as bedroom, living room, dining room etc.). To assign the Relay location:

- 1. On the **Home** screen, tap 🔅.
- 2. Tap **Devices > Climate > 16A Relay > Location** (A) to assign the Relay to the existing room or a new room (B) and tap **Submit**.

NOTE: You can configure up to 4 Relays in the same room.

< Device Details]	< 16A Relay Setup
16A Relay		Where does this device control?
ی ا		New room name
OPTIONS ^		Living Room 3 Devices
Type Heating	B	Kitchen 2 Devices
Name Heating Relay		Bathroom 2 Devices
Location Living Room	A	Bedroom 2 Devices
Control Type 💉		
ABOUT ^		
Firmware Version Firmware 00.00.000]	
Identify		Remove from Room
Delete		Submit

Setting the device control

Using the Wiser Home app, you can control the electrical heaters or electric underfloor heating by selecting Relay or Pilot Wire. To set the Relay control:

- 1. On the **Home** screen, tap 🔅.
- 2. Tap Devices > Climate > 16A Relay > Control type (A) and select Relay or Pilot Wire.
- 3. Tap **OK** (B).

く Device Details 16A Relay の 必		< Device Details 16A Relay
OPTIONS	^	
Type Heating	W .	
Name Heating Relay		Relay
Location Living Room		Pilot Wire
Control Type Fil Pilote ABOUT	*-A	CANCEL OK-B
Firmware Version Firmware 00.00.000		00:00:000
Identify)	Identify
Delete		Delete

Selecting the floor sensor

Using the Wiser Home app, you can select the type of floor sensor that you have installed in case of using electric underfloor heating. The floor sensor measures the floor temperature and displays in the app. This option appears only if you have selected the **Relay** as **Control Type**.

A A DANGER

RISK OF FATAL INJURY FROM ELECTRIC SHOCK

The device is not a Safety Extra Low Voltage (SELV) device. The sensors lines are on mains (230 VAC) line.

• Only use sensors with the appropriate insulation rating.

Failure to follow these instructions will result in death or serious injury.

To select the floor Sensor:

- 1. On the **Home** screen, tap 🔅.
- 2. Tap **Devices > Climate > 16A Relay > Floor Sensor** (A) and select the sensor from the list.
 - NTC 10K
 - NTC 12K
 - NTC 15K
 - NTC 33K
 - NTC 47K

NOTE: Not fitted is selected by default.

3. Tap **OK**.

< Device Details 16A Relay O	B	
OPTIONS	^	
Type Floor Heating		
Name Underfloor Heating		
Location Living Room		
Control Type Relay		
Floor Sensor		A
ABOUT	^	
Firmware Version Firmware 00.00.000		
Identify		
Delete		

Once the floor sensor is selected, new options (B) appear in the app.

- Floor Temperature It shows the temperature of the floor measured by the floor sensor.
- Floor Sensor Offset Allows you to calibrate the floor sensor to match the actual temperature of the floor.
- Floor Sensor Upper Limit The upper limit is set to maintain the floor temperature below the set limit.
- Floor Sensor Lower Limit The lower limit is set to maintain the floor temperature above the set limit.

< Device Details 16A Relay	Ø	
OPTIONS	^	
Type Floor Heating	Ê	1
Name Underfloor Heating		1
Location Living room		1
Control Type Relay	ø	1
Floor Sensor	ø	1
Floor Temperature		1
Floor Sensor Offset		
Floor Sensor Upper Limit		Œ
Floor Sensor Lower Limit	1	
ABOUT	^	1
Firmware Version		1
Identify		
Delete		

Offsetting the floor sensor

Using Wiser Home app, the **Floor Sensor Offset** option allows you to calibrate the floor sensor to match the actual temperature measured by an external device. To offset the floor sensor:

- 1. On the **Home** screen, tap 3.
- 2. Tap **Devices > Climate > 16A Relay > Floor Sensor Offset** (A) and select the temperature that is required for offsetting, to match the actual temperature.
- 3. Tap **OK**.

NOTE:

- The allowed temperature range to offset the floor sensor is 9 °C to -9 °C.
- The floor temperature shows the final temperature of the floor including any offset that is applied.

TIP: Offsetting the floor sensor is not required, if the floor temperature measured by the floor sensor and an external device are same. You can set it to 0 °C.

< Device Details 16A Relay	₿		
OPTIONS		^	
Type Floor Heating		1	
Name Underfloor Heating			
Location Living room		ø	
Control Type Belay			
Floor Sensor			
Floor Temperature			
Floor Sensor Offset			(A)
Floor Sensor Upper Limit			
Floor Sensor Lower Limit			
ABOUT		^	
Firmware Version			
Identify			
Delete			

Setting the floor sensor Upper/Lower limit

Using the Wiser Home app, you can switch on/off the electrical underfloor heater by setting lower/upper temperature limit. This allows you to maintain the floor temperature within the set limits.

To set the floor sensor temperature limit:

- 1. On the **Home** screen, tap 🔅.
- 2. Tap Devices > Climate > 16A Relay .
- 3. Tap Floor Sensor Upper Limit/ Floor Sensor Lower Limit (A) and set the upper/lower temperature limit.

NOTE:

- Upper limit range is 5 °C to 40 °C.
- Lower limit range is 4 °C to 39 °C.
- 4. Tap **OK**.

TIP: You can select **Disabled**, if setting the floor sensor limit is not required.

< Device Details 16A Relay ال	>
OPTIONS	^
Type Floar Heating	16
Name	
Underfloor Heating	
Living room	
Control Type Relay	
Floor Sensor	
12K Floor Temperature	
28°C	
Floor Sensor Offset	
Floor Sensor Upper Limit	
Floor Sensor Lower Limit	
10°C	
ABOUT	~
Firmware Version	
Identify	
Delete	

Identifying the device

Using the Wiser Home app, you can identify the Relay from the other available devices in the room. To identify the Relay:

1. On the **Home** screen, tap 🕸.

2. Tap **Devices > 16A Relay > Identify** (A) to rename the Relay.

- This feature flashes the Relay LED, so you can identify the actual device.
- The Relay LED will continue to flash until you tap **OK**.

< Device Details 16A Relay		
	&	
OPTIONS	^]
Type Heating)))]
Name Heating Relay		
Location Living Room		
Control Type Fil Pilote		
ABOUT	^	1
Firmware Version		
Identify		A
Delete		

Using the device

Setting the room temperature using the app

Using the Wiser Home app, you can adjust, set or boost the room temperature.

Pre-requisite: Add a Wiser Room Thermostat / Wiser Temperature/Humidity Sensor in the same room where 16A Relay is located.

Adjusting the room temperature

On the **Control** tab, tap \pm or \equiv in the **Control** section of the concerned room to adjust its temperature.

TIP: You can also adjust the room temperature:

• By tapping O of the concerned room on the **Control** tab and using the slider in the device control screen to adjust the room temperature.

K Back	Living Room	
		I
	Current: 27°	- Y
	28.5°	
	Ö	Ι
Follow sch	edule	
Edit sched	le	>
Room setti	ngs	>

 When you add it to your Favourites. To know more about Favourite, refer to the Managing Favourite topic in the respective System User Guide.

NOTE: If you only have a single device in the Wiser System, the **Control** tab will not be visible. All functions will be accessible through the **Home** screen.

Boosting the room temperature

On the device control screen, tap 4 to set the boost time.

TIP: You can boost the room temperature using the Wiser Room Thermostat center button.

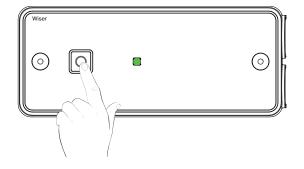
IMPORTANT: Once the boost time is set, the set-point temperature automatically increases by 2° C for the set boost time. After the boost time is over, the set-point temperature returns to the current scheduled event or to the previous set-point temperature.

NOTE: Boost can be stopped at any time by tapping the ${}^{\prime} \mathfrak{V}$ and selecting it off.

IMPORTANT: If you have installed both PowerTag and Relay, you can monitor the power flow and energy consumption in the **Energy** tab. For more information, refer to Energy view of individual devices.

Emergency Heating

You can do emergency heating by pressing the Relay Set button when the Hub is not working or the Wiser Home app heating control is not responding.



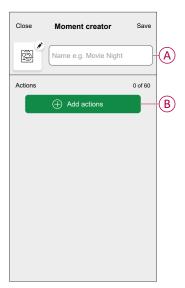
Creating a moment

Moment allows you to group multiple actions that are usually performed together. By using the Wiser Home app, you can create moments based on your needs. To create a moment:

- 1. On the **Home** screen, tap
- 2. Go to **Moments** > **•** to create a moment.
- 3. Enter the name of the moment (A).

TIP: You can choose the cover image that best represents your moment by tapping **•**.

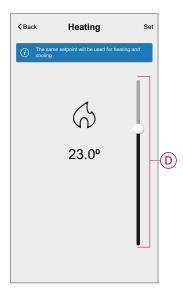
4. Tap Add actions (B) to select the list of devices.



5. In the Add actions menu, you can select the devices (C).

All	Test	Three	Heating	
Test				
Ţ	Rota	ry dimmer		
٩	Conr	nected Soc	cket	
Three				
6	Heat Heate	ing er 1		
Light				
	Light			

- 6. Once all the device are selected, tap **Done**.
- 7. On the **Moment creator** page, tap the device to set the condition. For example, select heating.
 - Set the required temperature using sliding bar (D).



When the desired condition is set, tap Set.

8. Once all conditions are set, tap Save.

Once the moment is saved, it is visible on the **Moments** tab. You can tap on the moment to enable it.

TIP:

• If you want to see the created moments on the **Home** screen, go to **Home**

> Construction > Home screen > Moments. Enable the toggle button to view moments on the Home screen.

 You can also rearrange the moments by tapping Edit from the Moments tab on the Home screen, or by tapping Automation > Moments > Reorder.

Editing a moment

- 1. On the **Home** screen, tap **Automations**
- 2. Go to **Moments**, locate the moment you want to edit and tap
- 3. On the Moment editor page, you can perform following changes:
 - Change the icon
 - Rename the moment.
 - Tap each action to change the settings.
 - To remove an action, slide the action to the left and then tap (A) to delete it.
 - Tap \oplus **Add actions** (B) to add new action.

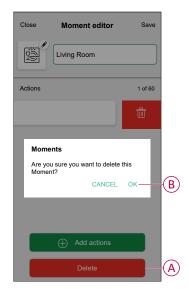
Close	Moment editor	Save	
Pà (Living Room		
Actions		1 of 60	
		m	A
	Add actions		B
	Delete		

4. Tap **Save** to save the changes.

Deleting a moment

- 1. On the **Home** screen, tap **Automations**
- 2. Go to **Moments**, locate the moment you want to delete and tap

3. On the Moment editor page, tap **Delete** (A) and then tap **OK** (B).



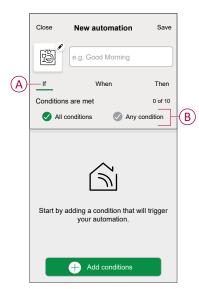
Creating an automation

An automation allows you to group multiple actions that are usually done together, triggered automatically or at scheduled times. By using the Wiser Home app, you can create automations based on your needs.

- 1. On the **Home** screen, tap
- 2. Go to Automation > 🕀 to create an automation.

NOTE: Maximum 10 automations can be added.

- 3. Tap If (A) and select any of the following conditions (B):
 - All conditions: This triggers an action only when all conditions are met.
 - Any condition: This triggers an action when at least one condition is met.



- 4. Tap Add conditions and select any of the following (C):
 - Device status change: Select a device to enable automation.
 - Away Mode: Enable/Disable away mode to trigger an action.

TIP: Away mode can also be used as a trigger to turn off the lights, dimmer or closing the shutter etc. For more information about **Away Mode**, refer to the system user guide.

←	Add conditions		
yo	ease choose the triggers to activate ur automation.		
۳	Device status change E.g. if motion is detected	>	
] Ĵ₀	Away Mode E.g. if away mode is on	>	\mathbb{C}
		_	
]

5. Tap **Device status change** > **Temperature/Humidity Sensor** > **Temperature**, Set the temperature using sliding bar (D) and select the condition (E) (less than / more than), then tap **Set**.

< Bac	Temp bedroom	Set
	ل 18.0°	
	less than more	than E

- Maximum 10 conditions can be added.
- To remove an added condition, swipe left and tap

- To set a specific time for your automation, tap When > Add time and select any of the following (F):
 - Specific time of the day: Sunrise, Sunset, Custom.
 - Period of time: Daytime, Night time, Custom.

← Add time	
Specific time of day E.g. at 07:00 or at sunrise	>
Period of time E.g. from sunset to sunrise	>

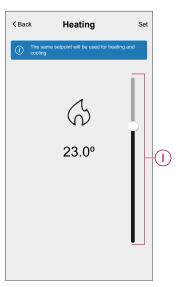
- Maximum 10 entries can be added
- To remove a specific time, swipe left and tap
- To add an action, tap Then > Add an action and select any of the following (G):
 - Control a device: Select a devices that you want to trigger.
 - Send notification: Turn on the notification for the automation.
 - **Activate a moment**: Select the moment that you want to trigger.
 - Wait: This option allows you to add a delay in an automation sequence. You can set the wait time in increments of 1 hour and 1 minute, up to a maximum of 24 hours. This feature is useful for delaying actions within an automation.

	← Add an action	
	Please choose an action for your automation.	
	Control a device E.g. turn the light on	>
G	Send Notification E.g. if the motion is detected	>
	Activate a moment E.g. enable Away mode	>
	C Wait E.g. wait 10 mins until next action	>
L		

- 8. Tap **Control a device > Heating** and select any of the following (H):
 - **Boost**: Set the duration to increase the temperature by 2° C.
 - Setpoint: Set the desired temperature.

← Select device	
Please select a device that will activate your automation.	
All Living Room Kitchen Bedroom	
Living Room	
Heating	
	-
Please choose what you would like to configure	
Boost	
Setpoint	
Cancel	

9. Tap **Setpoint**, set the required temperature using vertical sliding bar (I), then tap **Set**.



- Maximum 10 actions can be added.
- To remove an action, swipe it left on the action and then tap

10. Enter the automation name (J).

You can choose the cover image that represents your automation by tapping

Close	New automation	Save
÷	e.g. Good Morning	
lf	When	Then
Run this	action	0 of 10
Select	an action that works best automation.	for your

11. Tap Save.

Once the automation is saved, it is visible on the Automation tab.

Using the \bigcirc (K) you can enable and disable the automation.

Automatic	ons			
Moment	s Autom	ations	Schedules	
Automation	าร			
Devic	e		O -	K
\square		G	ą	
Home	Automations	Control	Energy	

Example of an automation

This demonstration shows you how to create an automation to turn on the Heating to the desired temperature (set point) of 20° C when the temperature is less than 18° C.

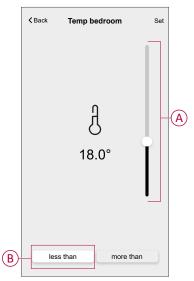
NOTE: It is mandatory to create two automations:

- First, switch on the heater at the desired 20° C when the room temperature is 18° C or lower.
- Second, switch off the heater when the room temperature is at 25° C or above.

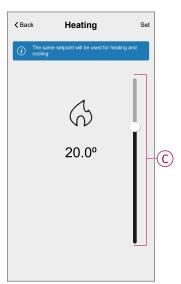
The room heater will not turn off automatically until you create another automation.

1. Go to **Automation** > 🕀 to create an automation.

- 2. To add a condition, tap Add Condition > Device status change > Temperature/Humidity Sensor > Temperature.
- 3. Set the temperature as 18° C (A) and the condition as **less than** (B) and tap **Set**.

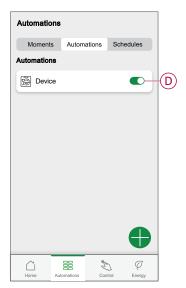


- 4. Read the information and tap **OK**.
- 5. To add an action, tap Then > Add an action > Control a device > Heating > Setpoint. Set the temperature to 20° C (C), then tap Set.



- 6. Read the information and tap **OK**.
- 7. Enter the name of the automation.
 - **TIP:** You can choose the cover image that represents your automation by tapping

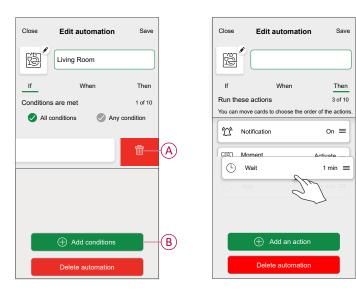
8. Tap Save. Once the automation is saved, it is visible on the **Automation** tab.



NOTE: You can enable or disable saved automations on the **Automations** tab by using \bigcirc (D).

Editing an automation

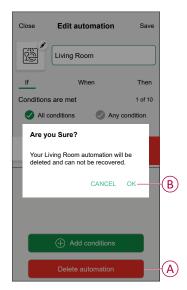
- 1. On the **Home** screen, tap **Automations**
- 2. Go to Automation, tap the automation you want to edit.
- 3. On the Edit automation page, you can perform the following changes:
 - Change the icon
 - · Rename the automation.
 - · Tap each condition to change the settings.
 - To remove a condition, slide the condition towards left and then tap
 (A) to delete it.
 - Tap \oplus Add conditions (B) to add new condition.
 - To change the order of actions, tap the **Then** option, and hold an action, then drag and drop to the desired position.



4. Tap Save to save the changes.

Deleting an automation

- 1. On the **Home** screen, tap **Automations**
- 2. Go to Automation, tap the automation you want to delete.
- 3. On the **Edit automation** page, tap **Delete automation** (A) and read the confirmation message and then tap **OK** (B).



Removing the device

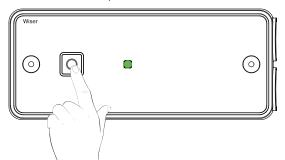
Using the Wiser home app, you can remove the relay from the Wiser system. To remove the relay:

- 1. On the **Home** screen, tap 🟵.
- 2. Tap Devices > 16A Relay > Delete (A).

0	_ & _
OPTIONS	^
Type Heating	
Name Heating Relay	
Location Living Room	
Control Type Fil Pilote	
ABOUT	^
Firmware Version Firmware 00.00.000	

Resetting the device

You can reset the Relay to the factory default. It can be reset manually at any time, e.g., when the Hub is replaced. To reset the Relay: Press and hold the Set button for > 20 seconds. After 15 seconds, the LED flashes red.



When the LED stops flashing red, release the Set button.
 The LED stops flashing upon successful reset of the Relay.

LED indications

Normal use

Status	User Interaction	Description
Power on	*	Flashing orange
In connection with the Wifi gateway		Off: heating off Steady
		green: heating on
Pairing in progress	*	Alternating orange and green flashing
Not paired	*	Off: heating off
		Steady orange: heating on
Degraded mode (no connection with the thermostat or with the gateway)	*	Flashing red: heating off
		Steady red: heating on
Manual Test / Forcing	*	Flashing green: heating on due to forcing

Troubleshooting

Symptom	Possible cause	Solution
The relay displays offline in the app or the LED flashing or solid red.	 Weak or no signal between the Wiser Hub and the relay. The relay is working in degraded mode. 	 Check Hub is online. Check signal strength.
The relay is flashing green.	Emergency heat is active.	Press the button to cancel the emergency heat function.

Technical Data

Rated voltage:	230 V, 50 Hz (AC ONLY)
Power consumption:	7.3 W
Purpose of control:	Electrical Control,
	Manual + Automatic Control, Sensing Control
Type of load and rated current:	16 A Resistive or (3A) Inductive Load Circuit for pilot load (FP)
	IMPORTANT: Not suitable for plinth heaters.
IP rating:	IP44
Terminals and Wiring:	Suitable for conductor sizes
	1.0 - 2.5 mm²
	Insulation strip length 6.5 mm
Operating Temperature:	0 °C to 60 °C
Storage Temperature:	-20 °C to 65 °C
Class of control:	Class II
Method of mounting control:	Independently mounted control
Method of providing earthing control:	The control is not earthed Terminals are provided for linking external earthing conductors.
Method of attachment for nondetachable cords:	Type Y attachments
Extent of sensing element: (if installed)	External temperature sensor temperature setting range of 5 °C to 30 °C \pm 5%
Operating Value:	User variable time control of electrical/heating system (only at system level through Hub controllers)
Degree of pollution:	2
Rated impulse voltage:	4 kV
Ball pressure test:	115 °C
Software class:	A
Radio Technology/ Frequency:	2.4 GHz
Radio signal range:	30 m in free space
Maximum radio frequency power transmitted:	+13 dBm (20 mW)
Product dimensions: (H x W x D)	162 x 67 x 30 mm
Communication protocol:	Zigbee 3.0 certified
Compatible floor sensors in case of electric underfloor heating:	 33kΩ Schneider Electric Reference 616790 or MEG5775-0003 33kΩ Drayton Reference 193720 15kΩ Devi Reference 140F1091 10kΩ Elko Reference 5491605

Compliance

Product Environmental Data

Find and download comprehensive environmental data about your products, including RoHS compliance and REACH declarations as well as Product Environmental Profile (PEP), End-of-Life instructions (EOLI) and much more.

https://www.se.com/myschneider



General information about Schneider Environmental Data Program

Click the link below to read about Schneider Electric's Environmental Data Program.

https://www.se.com/ww/en/about-us/sustainability/environmental-data-program/



Trademarks

This guide makes reference to system and brand names that are trademarks of their relevant owners.

- Zigbee[®] is a registered trademark of the Connectivity Standards Alliance.
- Apple[®] and App Store[®] are brand names or registered trademarks of Apple Inc.
- Google Play[™] Store and Android[™] are brand names or registered trademarks of Google Inc.
- Wi-Fi[®] is a registered trademark of Wi-Fi Alliance[®].
- Wiser™ is a trademark and the property of Schneider Electric, its subsidiaries and affiliated companies.
- Amazon Alexa[™] is a trademark of AMAZON TECHNOLOGIES, INC.
- Google Home[™] is a trademark of Google INC.

Other brands and registered trademarks are the property of their respective owners.

Schneider Electric 35 rue Joseph Monier 92500 Rueil Malmaison

France

+ 33 (0) 1 41 29 70 00

www.se.com

As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

© 2021 – 2025 Schneider Electric. All rights reserved.