

ENGLISH

In the box

- Wiser L-Relay
- (A) Housing cover
- (B) Terminal cover
- (C) Body
- (D) Strain relief clamp
- (E) Mounting frame
- 2 x universal wall anchors and screws
- 3-wire cable (0.5 m) with screw terminal
- Brown: Line (L), Blue: Neutral (N), Green and yellow: Protective earth (PE)

Legal disclaimer

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction, installation, and operation of electrical equipment and has received safety training to recognize and avoid the hazards involved.

Before proceeding, test that your water tank is working properly.

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Do NOT modify the device or its internal antenna.
- Disconnect all power from all equipment including connected devices prior to removing any covers, installing or removing any accessories or cables.

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

Tools you need

Installing the Wiser L-Relay

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Only use the device indoors and in a dry location.
- Do NOT install the Wiser L-Relay in bathroom zone 0, 1 or 2.
- Before drilling boards or walls, ensure that there is no risk of damaging any electric wires.
- Turn OFF the circuit breakers to the water tank.
- Make sure the water tank is not connected to the electrical installation.
- Always use a properly rated voltage device to confirm that the power is OFF where and when indicated.
- Replace and secure all covers, accessories, cables and wires before turning ON the power

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

Note! All wiring must comply with local electrical codes and ordinances.

WARNING

HAZARD OF DISTURBANCE OF MEDICAL EQUIPMENT

Do NOT use the device near medical equipment that is indispensable for the health or life of a human being.

Failure to follow these instructions can result in death, serious injury or equipment damage.

1. Select the mounting location.

Note! Ensure you have a mains-powered Wiser device within approximately 30 meters of the Wiser L-Relay in the same Wiser system. If you need a longer range, use a Wiser SmartPlug.

2. On the electric switchboard, switch off the hot water tank circuit breakers.
3. Install the mounting frame on a wall (a) or on a mounting box (b).
4. Disconnect the hot water tank from the mains.
5. Remove the housing cover and terminal cover from the Wiser L-Relay.
6. Connect the supplied cable for the mains to the Wiser L-Relay.

Note! If you are using a mounting box, connect the mains directly to the Wiser L-Relay body instead.

7. Connect the hot water tank's cable to the Wiser L-Relay (a).
8. Attach the terminal cover to the Wiser L-Relay.
9. Connect the Wiser L-Relay to the mains.
10. Mount the Wiser L-Relay to the mounting frame.
11. Switch on the hot water tank circuit breakers.

Note! If the hot water tank has a PE wire, connect it to the mains PE wire inside the Wiser L-Relay (b).

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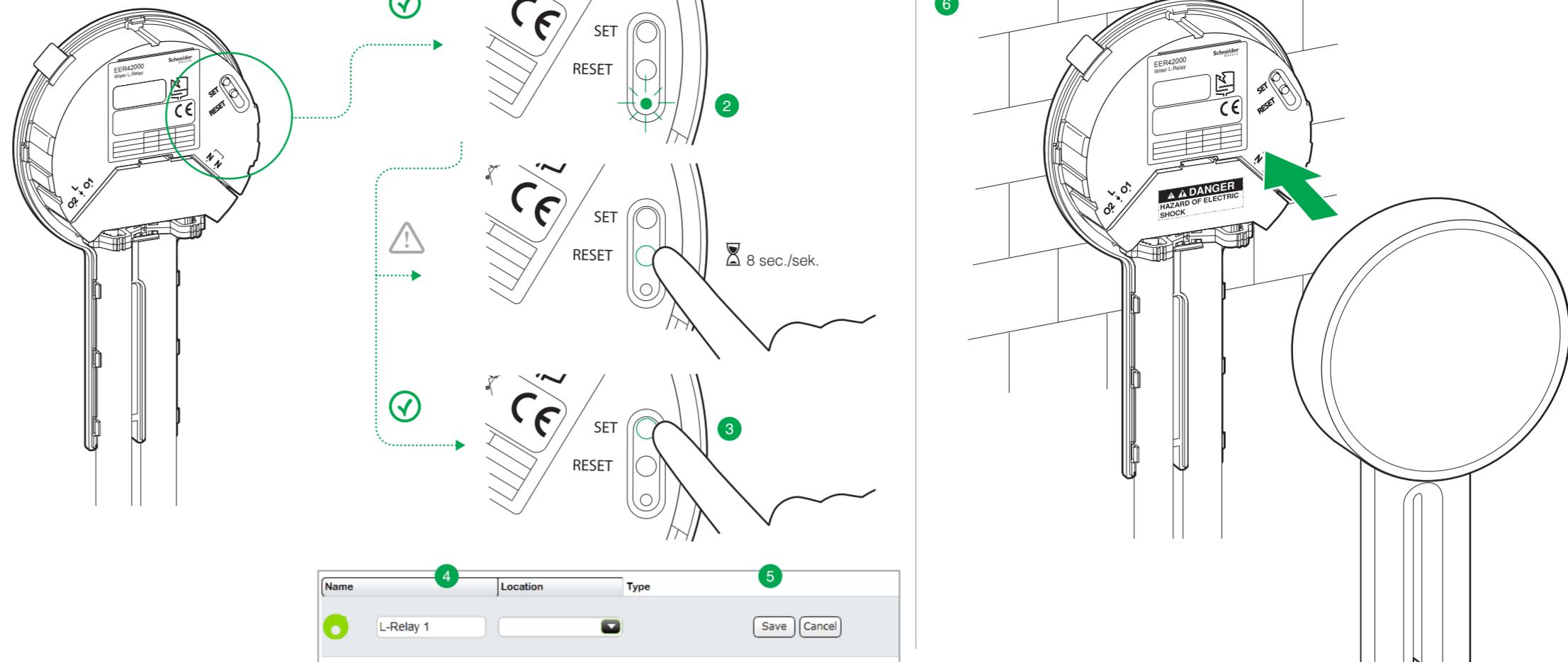
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The screenshot shows the 'My devices' section of the Wiser app. It lists several devices: 'H-Relay 1' (Ground floor), 'SMeter Sensor 3' (South wing), 'SMeter Sensor 2' (South wing), and 'SMeter Sensor 1' (South wing). Each device has a 'Name', 'Location', and 'Battery' status. Buttons for 'Identify', 'Edit', and 'Remove' are available for each.



ENGLISH

Commissioning the Wiser L-Relay

- Note!** Before commissioning the Wiser L-Relay, install the Wiser Controller (see the Wiser Controller Installation Guide).
1. Set the Wiser web application to detect new devices: **Settings > My devices > Add device**
 2. Check that the commissioning LED on the Wiser L-Relay glows orange. If not, press RESET until the LED turns red. This can take more than 8 seconds. When the reset is complete, the LED turns orange.
 3. Press SET. The LED blinks orange until connection is established. The LED then blinks green a few times and finally turns off.
 4. After the web application detects the Wiser L-Relay, specify its **Name** and **Location**. The detection may take some time.
 5. Click **Save**.
 6. Place the appropriate safety sticker on the Wiser L-Relay terminal cover. Attach the housing cover to the Wiser L-Relay.

Technical data

Dimensions (H x W x D)	184 x 104 x 39 mm
Power supply	230 VAC ± 10 % (50 Hz)
Power rating and compatible loads	Max. load: 13 A at 230 VAC Max. power with resistive load: 3000 W Max. power with other load: 1200 VA (Cos φ = 0.6)
Power consumption	Average: 2.5 W Peak: 5 W Power down: 1 W
Wire section	1.0 ... 2.5 mm ²
Radio interface	2.4 GHz IEEE 802.15.4
Operating temperature	-5 ... +45 °C
Relative humidity	5-95 % (non-condensing)
Degree of protection	IP 20 (horizontally mounted) IP 21 (vertically mounted)

Troubleshooting

Issue	Solution
The Wiser web application does not detect the Wiser L-Relay during commissioning.	Ensure the Wiser L-Relay is within approximately 30 meters of the Wiser Controller, a Wiser SmartPlug, or another mains-powered Wiser device in the same Wiser system.
No hot water.	Same as above.

Web

Go to www.schneider-electric.com/wiser to find the Wiser user manual and other relevant information.

FRANÇAIS

Configuration du Wiser L-Relay

- Remarque !** Avant de configurer le Wiser L-Relay, installez la Wiser Box (consultez le guide d'installation de la Wiser Box).
1. Configurez l'application Web Wiser pour détecter les nouveaux équipements : **Paramètres > Mes équipements > Ajouter un équipement**
 2. Vérifiez que la LED de configuration sur le Wiser L-Relay est orange. Si ce n'est pas le cas, appuyez sur RESET jusqu'à ce que la LED devienne rouge. Cela peut prendre plus de 8 secondes. Lorsque la réinitialisation est terminée, la LED est de couleur orange.
 3. Appuyez sur SET. La LED clignote en orange jusqu'à ce que la connexion soit établie. La LED clignote ensuite en vert plusieurs fois puis finit par s'éteindre.
 4. Une fois que l'application Web a détecté le Wiser L-Relay, spécifiez son **Nom** et son **Emplacement**. La détection peut prendre un certain temps.
 5. Cliquez sur **Enregistrer**.
 6. Placez le bon autocollant de sécurité sur le capot de protection des borniers du Wiser L-Relay. Fixez le capot du boîtier sur le Wiser L-Relay.

Caractéristiques techniques

Dimensions (L x H x P)	184 x 104 x 39 mm
Alimentation	230 V CA ± 10 % (50 Hz)
Puissance nominale et charges compatibles	Charge max : 13 A à 230 V CA Puissance maxi sur charge résistive : 3 000 W Puissance maxi sur autre charge : 1 200 VA (Cos φ = 0,6)
Consommation énergétique	Moyenne : 2,5 W Pic : 5 W Arrêt : 1 W
Section de câble	1,0 ... 2,5 mm ²
Interface radio	2,4 GHz IEEE 802.15.4
Température de fonctionnement	-5 ... +45 °C
Humidité relative	5 à 95 % (sans condensation)
Degré de protection	IP 20 (monté horizontalement) IP 21 (monté verticalement)

Résolution des problèmes

Problème	Résolution
L'application Web Wiser ne détecte pas le Wiser L-Relay lors de la configuration.	Assurez-vous que le Wiser L-Relay se situe dans un rayon d'environ 30 mètres de la Wiser Box, d'une Wiser SmartPlug, ou d'un autre équipement Wiser fonctionnant sur secteur et dans le même système Wiser.
Pas d'eau chaude.	Comme ci-dessus.

Web

Allez sur www.schneider-electric.com/wiser pour trouver le manuel de l'utilisateur Wiser et d'autres informations pertinentes.

ITALIANO

Configurazione del sistema Wiser L-Relay

- Nota:** prima della configurazione del sistema Wiser L-Relay, installare la Wiser Box (consultate la Guida all'installazione di Wiser Controller).
1. Impostate l'applicazione Web Wiser per rilevare nuovi dispositivi: **Impostazioni > Dispositivi > Aggiungi dispositivo**.
 2. Verificate che il LED di configurazione del sistema sul Wiser L-Relay sia di colore arancio. In caso contrario, premete il pulsante RESET finché il LED non diventa rosso. L'operazione potrebbe richiedere più di 8 secondi. Quando il ripristino è completo, il LED diventa di colore arancio.
 3. Premete SET. Il LED lampeggia di colore arancio fino a quando non viene stabilita la connessione. Il LED lampeggerà brevemente di colore verde e infine si spegnerà.
 4. Quando l'applicazione Web rileva il Wiser L-Relay, specificate **nome e posizione**. Il rilevamento potrebbe richiedere tempo.
 5. Fare clic su **Salva**.
 6. Applicate l'adesivo di sicurezza appropriato sul copriterminali del Wiser L-Relay. Collegare il coperchio di protezione al Wiser L-Relay.

Specifiche tecniche

Dimensioni (A x L x P)	184 x 104 x 39 mm
Alimentazione	230 V CA ± 10 % (50 Hz)
Fattore di potenza e carichi compatibili	Carico max : 13 A a 230 V CA Potenza massima con carico resistivo: 3 000 W Potenza massima con altro carico: 1200 VA (Cos φ = 0,6)
Consumo energetico	Medio: 2,5 W Picco: 5 W Arrêt: 1 W
Sezione cavo	1,0 ... 2,5 mm ²
Interfaccia radio	2,4 GHz IEEE 802.15.4
Temperatura di funzionamento	-5 ... +45 °C
Umidità relativa	5-95 % (in assenza di condensa)
Grado di protezione	IP 20 (montato in orizzontale) IP 21 (montato in verticale)

Risoluzione dei problemi

Problema	Soluzione
L'applicazione Web Wiser non rileva il Wiser L-Relay durante la configurazione.	Accertarsi che Wiser L-Relay si trovi entro 30 metri circa da un dispositivo Wiser Controller, Wiser SmartPlug o da un altro dispositivo Wiser alimentato da rete nello stesso Wiser system.
Mancata acqua calda.	Come sopra.

Web

Visitare il sito www.schneider-electric.com/wiser per reperire il manuale dell'utente Wiser e altre informazioni pertinenti.

DANSK

Programmering af Wiser L-Relay

- Bemærk!** Bør programmering af Wiser L-Relay skal du installere Wiser Controller (se installationsvejledningen til Wiser Controller).
1. Indstil Wiser web application til at registrere nye enheder: **Indstillinger > Mine enheder > Tilføj enhed**
 2. Kontroller, at LED-lampen i programmering på dit Wiser L-Relay lyser orange. Hvis ikke, skal du trykke på RESET, indtil LED-lampen lyser rødt. Dette kan tage mere end 8 sekunder. Når nulstillingen er fuldført, lyser LED-lampen orange.
 3. Tryk på SET. LED-lampen blinker orange, indtil der er etableret forbindelse. Herefter blinker LED-lampen grønt nogle gange før til sidst at slukke.
 4. Når webprogrammet har registreret dit Wiser L-Relay, skal du angive dets **navn** og **zone**. Registreringen kan tage noget tid.
 5. Klik på **Gem**.
 6. Sæt den relevante sikkerhedsmerk på dit Wiser L-Relays stikdæksel. Sæt afskærmingen til Wiser L-Relay på.

Tekniske data

Dimensioner (H x B x D)	184 x 104 x 39 mm
Strømforsyning	230 VAC ± 10 % (50 Hz)
Nominel belastning og kompatible belastninger	Maks. belastning: 13 A ved 230 VAC Maks. strøm med resistiv belastning: 3000 W Maks. strøm med anden belastning: 1200 VA (Cos φ = 0,6)
Strømforbrug	Gennemsnitlig: 2,5 W Spidsbelastning: 5 W Slukket: 1 W
LEDningsstørrelse	1,0 ... 2,5 mm ²
Radiofrekvens	2,4 GHz IEEE 802.15.4
Driftstemperatur	-5 ... +45 °C
Relativ fugtighed	5-95 % (ikke-kondenserende)
Beskyttelsesgrad	IP 20 (vandret monteret) IP 21 (lodret monteret)

Fejlfinding

Problem	Løsning
Wiser webprogrammet registrerer ikke et Wiser L-Relay under programmering.	Sørg for, at dit Wiser L-Relay er indenfor ca. 30 meter fra en Wiser Controller, en Wiser SmartPlug eller en anden Wiser enhed tilsluttet elnettet i det samme Wiser system.
Uden varmt vand.	Samme som ovenfor.

Web

Gå til www.schneider-electric.com/wiser for at finde brugervejledningen til Wiser og andre relevante oplysninger.

SVENSKA

Igångskörning av Wiser L-Relay

- OBS!** Innan du kör igång Wiser L-Relay ska Wiser Controller installeras (se installationsguiden för Wiser Controller).
1. Ställ in Wiser webbprogrammet så att det upptäcker nya enheter: **Inställningar > Mine enheter > Tillföj enhet**
 2. Kontrollera att LED-lampen för igångskörning på Wiser L-Relay lyser orange. Om den inte gör det trycker du på RESET, tills LED-lampen lyser röd. Detta kan ta upp till 8 sekunder. När nulställningen är fullbordad, lyser LED-lampen orange.
 3. Tryck på SET. LED-lampen blinkar orange, tills den är etablerat försluten. Härifrån blinkar LED-lampen grönt några gånger och släcks sedan.
 4. När webbprogrammet har registrerat dit Wiser L-Relay, ska du ange dets **namn** och **zon**. Registreringen kan ta en liten längre tid.
 5. Klicka på **Gem**.
 6. Placer tillämplig säkerhetsetikett på låcket till Wiser L-Relay-terminalen. Sätt fast ytterhöljet på Wiser L-Relay.

Tekniska data

Mått (H x B x D)	184 x 104 x 39 mm
Strömförsörjning	230 VAC ± 10 % (50 Hz)
Effekt och kompatibla belastningar	Maximal belastning: 13 A vid 230 V AC Högsta energi med resistiv belastning: 3 000 W Högsta energi med annan belastning: 1 200 VA (Cos φ = 0,6)
Elförbrukning	Genomsnittlig: 2,5 W Högst: 5 W Avstånd: 1 W
Trådtvärtsnitt	1,0-2,5 mm ²
Radiogränsnivå	2,4 GHz IEEE 802.15.4
Drifttemperatur	-5 till +45 °C