



# legrand LE12747AB EMDX with Netatmo Connected Load Shedder Instruction Manual

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**legrand LE12747AB EMDX with Netatmo Connected Load Shedder**



### Product Information:

- Product Name: Smart Load Shedder
- Model Number: 4 121 72 – 1 991 20
- Composition: Cable length: 800mm, Smart load shedder
- Compatibility: Load shedding function compatible with 83 mm LE12747AB Socket outlet, Cable outlet, Mobile socket outlet, Connected contactor, Connected dry contact
- Maximum Current:  $I_{max}=80A$  AC
- Power Supply: 100-240V~ 50 / 60Hz
- Compliance: CE Directive Compliant with the Low voltage directive (LVD) 2014/35/UE
- Manufacturer: Legrand
- Manufacturer's Website: [www.legrand.fr/reference/412172](http://www.legrand.fr/reference/412172)

### Product Usage Instructions

#### 1. Installation Requirements:

- Install a Gateway module
- Install a Connected Starter Pack with Netatmo
- Alternatively, install any kind of gateway with Netatmo
- Note: The installation of at least one of these products is necessary for the smart load shedder to operate.

#### 2. Connectivity:

- Ensure the smart load shedder is compatible with the following devices: 83 mm LE12747AB Socket outlet, Cable outlet, Mobile socket outlet, Connected contactor, Connected dry contact.
- Make sure the cable length is 800mm.
- Connect the smart load shedder to the power supply with a voltage of 100-240V~ and frequency of 50 / 60Hz.

### 3. Usage:

- Pay attention to the direction of the current when connecting the load shedder.
- Measure the coil accuracy to ensure proper functionality.
- Activate the shedding function as needed, ensuring it complies with safety regulations.

For more information and detailed compliance documents, refer to the manufacturer's website:

[www.legrandoc.com](http://www.legrandoc.com)

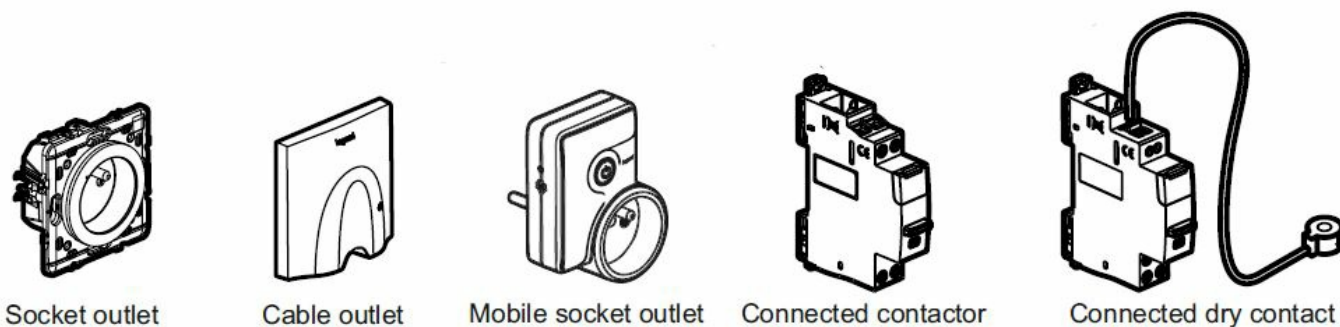
## INSTALLATION

Requires the installation of a:



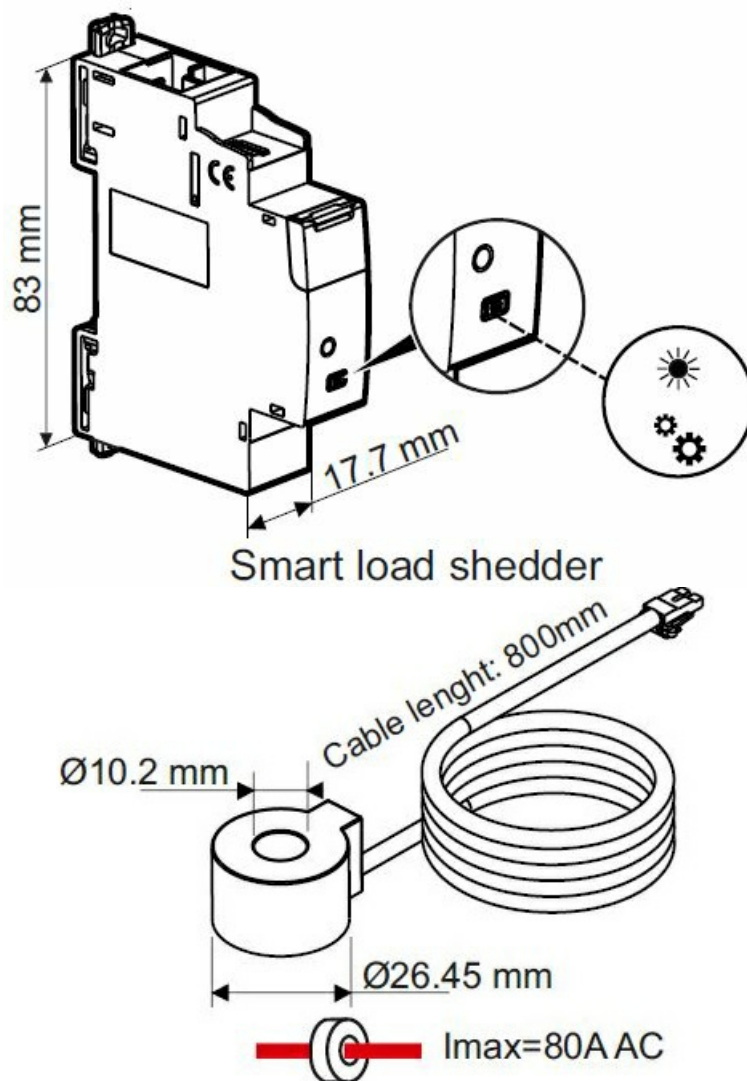
Load shedding function compatible with :

Socket outlet, cable outlet, connected contactors and dry contacts from « ... with Netatmo » range




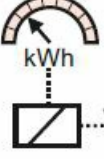
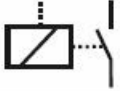



N.B. The installation of at least one of these products is necessary to the operating of the smart load shedder.

## Composition



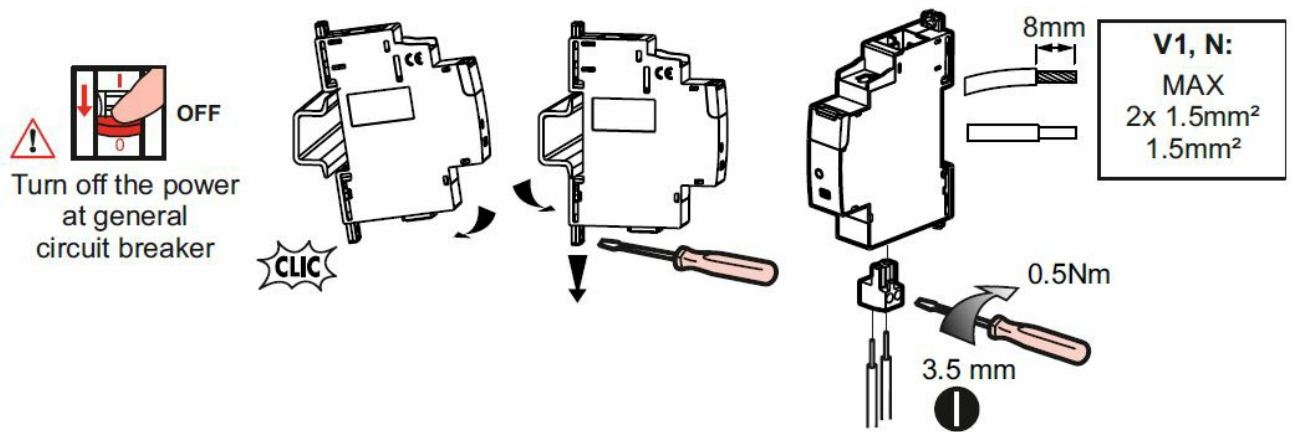
Pay attention to the direction of the current

	<b>U</b>	<b>I</b> measured	<b>F</b> 	Accuracy  kWh	Shedding  kWh 
+5°C +45°C	100-240V~ 50 / 60Hz	80A MAX	2,4 à 2,4835Ghz <100 mW	+/-1% under 63A	

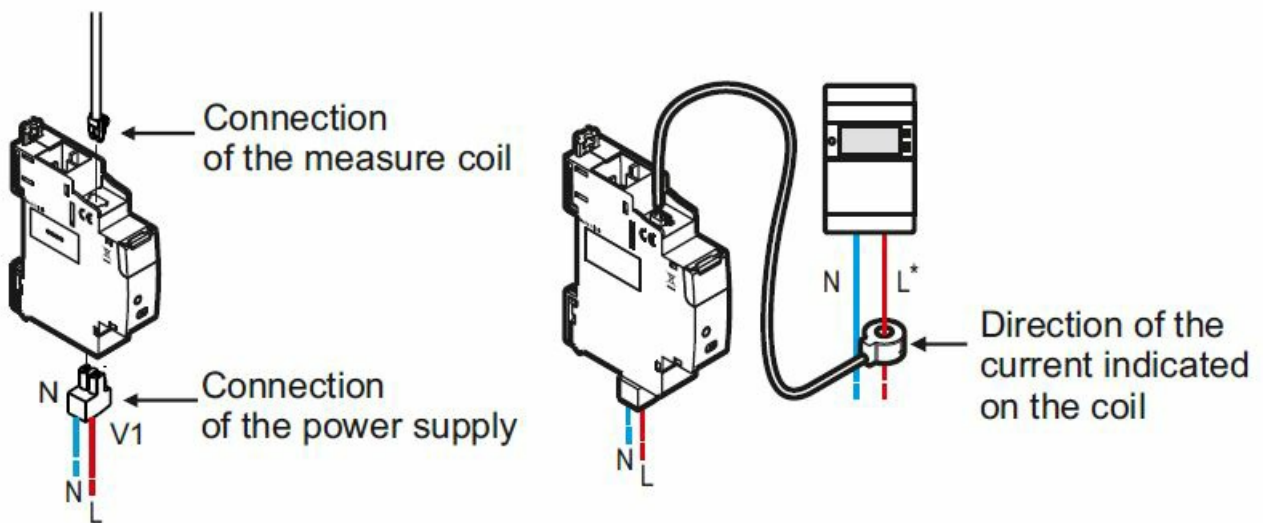
### Imperative security precaution

The instructions for installation and use must be strictly observed in order to avoid the risk of electric shock or fire.

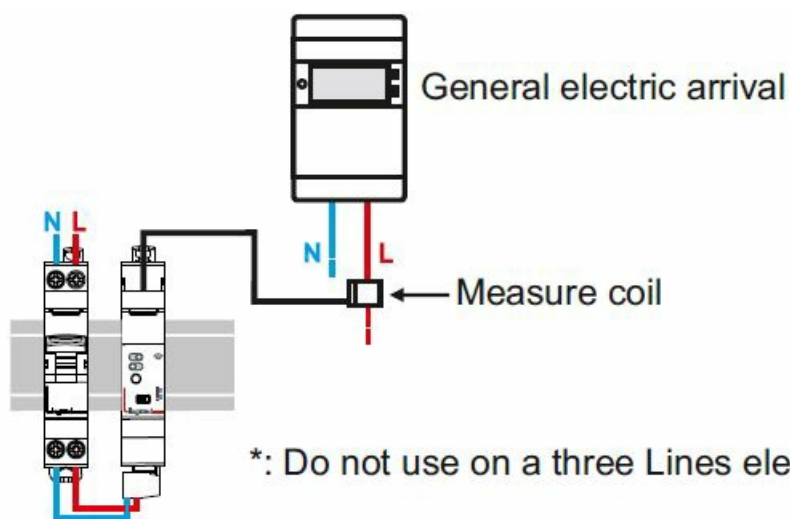
### Preparation, connection



## Wiring



A circuit breaker with rated current C2 to C16 is necessary depending on wire section used for supplying the smart load shedder.

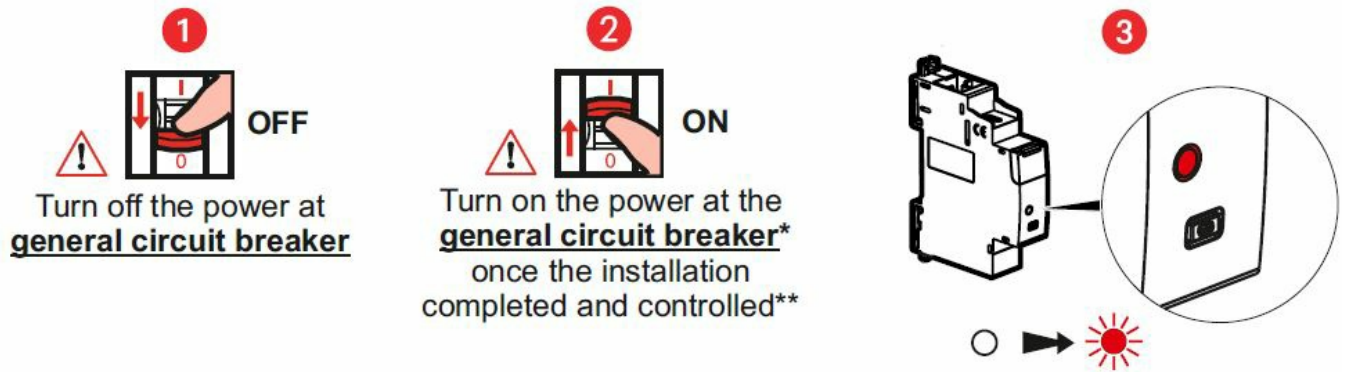


If the product is not wired on the phase it is tracking consumption from, the product will flash in orange.

— N (neutral) = blue

— L (Line) = Everything but blue and green/yellow

## Add the Smart load shedder in a connected installation

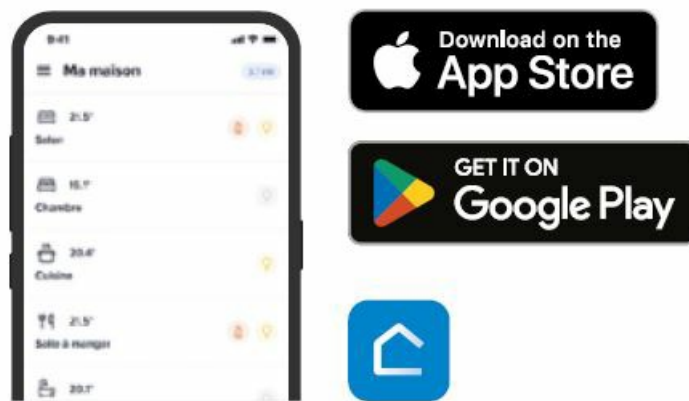


In order to restart all connected products at the same time.

\*\* : After wiring the installation, refit the front plate so that no active live part is accessible.

## Finalize the installation in the Legrand Home + Control app

Download the Home + Control App and follow the instructions for adding the connected product in your setup.



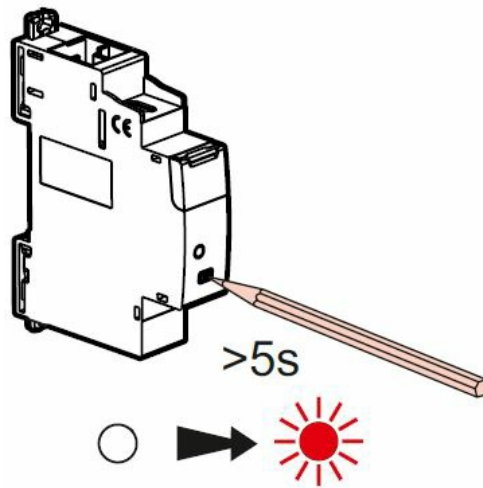
You also have the option of controlling your installation via a voice assistant. and can customize your scenarios via the Home + Control App.



## Reset a Smart load shedder to remove it from a connected installation

Press the configuration button of the Smart load shedder (> 5 seconds) until the configuration indicator lights up in fixed red.

It is no longer associated with the Gateway present in the installation.



[www.legrand.fr/reference/412172](http://www.legrand.fr/reference/412172)

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#### UE SIMPLIFIED DECLARATION OF CONFORMITY

The undersigned, Legrand declares that the radio equipment listed on this instruction sheet are compliant to the directive 2014/53/UE.

The full text of the UE declaration of conformity is available at the following website:

[www.legrandoc.com](http://www.legrandoc.com)

#### Documents / Resources

	<p><a href="#">legrand LE12747AB EMDX with Netatmo Connected Load Shedder</a> [pdf] Instruction Manual LE12747AB, 412172, 3414971961920, LE12747AB EMDX with Netatmo Connected Load Shedder, Netatmo Connected Load Shedder, Connected Load Shedder, Load Shedder, Shedder</p>
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#### References

- [Welcome to Legrand - Legrand](#)
- [legrandoc](#)