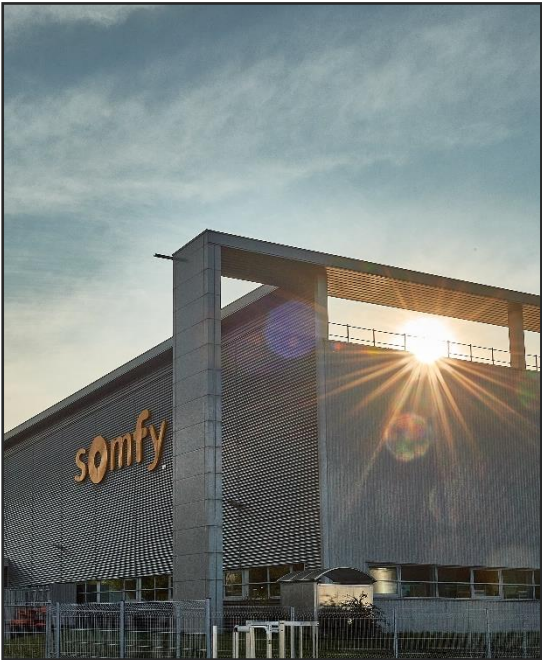




A leading player in the housing industry for over 50 years, SOMFY is working to reduce its carbon emissions by 50% by 2030 and like so helps its customers and partners in their environmental approach.

Our actions to reduce our carbon footprint:

**OFFER ECO-DESIGNED\* PRODUCTS** WITH A REDUCED ENVIRONMENTAL IMPACT THROUGHOUT THEIR LIFE CYCLE

**OFFER SOLUTIONS THAT IMPROVE THE ENERGY EFFICIENCY** OF BUILDINGS AND THUS LIMIT CO2 EMISSIONS.

[1]. Somfy's eco-design approach, identified by the ACT FOR GREEN label, aims to reduce the environmental impact of products throughout their life cycle, from the extraction of raw materials to the end of their life, by placing requirements above current regulations.



— Reference product



> Reference product

YSIA 5 Var HP Zigbee FCC

Réf. 1246065

> Functional unit

To control motorized applications equipped with Zigbee motor during a lifetime of 10 years.

>References covered

|         |                          |         |                        |         |                          |
|---------|--------------------------|---------|------------------------|---------|--------------------------|
| 1871284 | YSIA 1 Var Zigbee EMEA   | 1871286 | YSIA 1 Var Zigbee Asia | 1871280 | YSIA 1 Var HP Zigbee FCC |
| 1871285 | YSIA 5 Var Zigbee EMEA   | 1871287 | YSIA 5 Var Zigbee Asia | 1871284 | YSIA 1 Var Zigbee EMEA   |
| 1871281 | YSIA 5 Var HP Zigbee FCC |         |                        |         |                          |

## — Materials and substances

All useful measures have been adopted to ensure that the materials used in the composition of the product do not contain any substances banned by the legislation in force at the time of marketing.

| Plastics                                   |        |       | Metals        |        |       | Other                    |        |       |
|--------------------------------------------|--------|-------|---------------|--------|-------|--------------------------|--------|-------|
|                                            | % Mass | % REC |               | % mass | % REC |                          | % Mass | % REC |
| <b>ABS</b>                                 | 28.1   | 0     | <b>Steel</b>  | 6.9    | 0     | <b>Manganese Dioxide</b> | 6.2    | 0     |
| <b>PC</b>                                  | 1.9    | 0     | <b>Zinc</b>   | 2.7    | 0     | <b>Glass fiber</b>       | 2.7    | 0     |
| <b>Epoxy resin</b>                         | 1.8    | 0     | <b>Tin</b>    | 1.1    | 0     | <b>Water</b>             | 1.5    | 0     |
| <b>Silicon rubber</b>                      | 1.4    | 0     | <b>Copper</b> | 0.9    | 0     | <b>Other</b>             | 2.3    | 0     |
| <b>PE</b>                                  | 0.8    | 0     | <b>Brass</b>  | 0.4    | 0     | <b>Total</b>             | 12.7   |       |
| <b>Other</b>                               | 2.1    | 0     | <b>Other</b>  | 0.2    | 0     | Packaging                |        |       |
| <b>Total</b>                               | 36.0   |       | <b>Total</b>  | 12.2   |       | <b>Cardboard</b>         | 22.2   | 50    |
|                                            |        |       |               |        |       | <b>Paper</b>             | 14.6   | 100   |
|                                            |        |       |               |        |       | <b>Wood</b>              | 2.4    | 0     |
|                                            |        |       |               |        |       | <b>Total</b>             | 39.2   |       |
| Total mass of the reference product : 148g |        |       |               |        |       |                          |        |       |
| Estimated recyclable content : 54.4%       |        |       |               |        |       |                          |        |       |

### > CHEMICAL SUBSTANCES

The product covered by this PEP comply with REACH regulation and RoHS directive 2011/65/EU, 2015/863 et 201/2102.



## — Representativeness

> Data has been collected in February 2024 by our design team, then treated and analyzed in March 2024.

> Data are related to the location of the production and assembly.

> Data matches with previous technology and commercial references only.



## — Manufacturing

The devices covered in this PEP are manufactured in China with production that has adopted an environmental management approach.

### > Energy model

Chinese mix; 2018



## — Distribution

> Packaging is continuously improved by reducing the amount and using a maximum of recycled materials

> The unit pack has been modeled here. It is made up of:

- 100% recycled fiber paper instructions
- cardboard with a minimum of 50% recycled fibers



## — Installation

### > Installation elements

There is no element included in this phase.

### > Installation processes

There is no installation process

### > Energy model

Not applicable

### > Packaging End of life

100% of cardboard, plastic and paper is incinerated without energy recovery.



## — Use

**This product is an autonomous product from category 2 (active product). It's powered by a 2 batteries and needs 6 batteries in total to cover all its 10 years life cycle.**

> **Energy model of the use phase:** None

> **Consumables and maintenance :** 4 AAA alkaline batteries (the first two are sold with the product, the other are not)



## — End of life

### > Typical transport conditions

Considering the complexity of the electric and electronic recycling channel and our lack of knowledge about the end-of-life processes implemented all around the world, we considered:

- 100 km of transport.
- A waste pretreatment of electrical and electronic equipment, including dismantling and material separation
- A waste incineration of electrical and electronic equipment.
- Loading rate of the truck going to the waste disposal center of 80%.

# Product Environmental Profil

## Wireless remote control Ysia Variation ZIGBEE range



## — Environmental impacts —

Evaluation of the environmental impact covers the following life cycle stages: manufacturing, distribution, installation, use and end of life.  
All calculations are done with EIME software version EIME© v6.1.3 and CODDE 2023-02, on functional unit with following indicator set :  
Indicators for PEF EF 3.0 (Compliance: PEP ed.4, EN15804+A2) v2.0.

| Indicators                                                                                      | Units              | Global   | Manufacturing | Distribution | Installation | Use       | End of life | Module D |
|-------------------------------------------------------------------------------------------------|--------------------|----------|---------------|--------------|--------------|-----------|-------------|----------|
| Acidification                                                                                   | mol H+ eq.         | 1.39E-02 | 1.06E-02      | 1.47E-03     | 2.00E-05     | 1.79E-03  | 3.07E-05    | 4.54E-04 |
| Climate change - total                                                                          | kg CO2 eq.         | 2.10E+00 | 1.51E+00      | 4.50E-02     | 2.25E-02     | 3.26E-01  | 2.02E-01    | 9.84E-02 |
| Climate change - biogenic                                                                       | kg CO2 eq.         | 6.96E-02 | 4.90E-02      | 0.00E+00     | 2.06E-02     | -1.03E-06 | -7.27E-07   | 1.87E-02 |
| Climate change - fossil                                                                         | kg CO2 eq.         | 2.03E+00 | 1.46E+00      | 4.50E-02     | 1.86E-03     | 3.26E-01  | 2.02E-01    | 7.98E-02 |
| Climate change - land use and land transformation                                               | kg CO2 eq.         | 4.32E-06 | 4.32E-06      | 0.00E+00     | 0.00E+00     | 0.00E+00  | 0.00E+00    | 0.00E+00 |
| Ecotoxicity, freshwater                                                                         | CTUe               | 7.63E+01 | 2.68E+01      | 2.76E-02     | 2.08E-01     | 3.47E+01  | 1.46E+01    | 1.02E+00 |
| Particulate matter                                                                              | Disease occurrence | 7.64E-08 | 5.88E-08      | 7.81E-09     | 6.48E-11     | 9.76E-09  | -1.81E-11   | 2.51E-09 |
| Eutrophication, freshwater                                                                      | kg P eq.           | 5.71E-06 | 2.85E-06      | 1.55E-08     | 5.91E-09     | 2.09E-06  | 7.52E-07    | 6.66E-07 |
| Eutrophication, marine                                                                          | kg N eq.           | 1.99E-03 | 1.44E-03      | 3.52E-04     | 9.67E-06     | 1.72E-04  | 2.15E-05    | 9.22E-05 |
| Eutrophication, terrestrial                                                                     | mol N eq.          | 2.12E-02 | 1.52E-02      | 3.85E-03     | 1.05E-04     | 1.81E-03  | 2.20E-04    | 9.00E-04 |
| Human toxicity, cancer                                                                          | CTUh               | 7.75E-08 | 1.30E-08      | 6.73E-13     | 2.40E-10     | 3.77E-08  | 2.65E-08    | 4.33E-07 |
| Human toxicity, non-cancer                                                                      | CTUh               | 9.25E-08 | 3.91E-08      | 1.32E-10     | 8.56E-11     | 4.98E-08  | 3.39E-09    | 7.49E-10 |
| Ionising radiation, human health                                                                | kBq U235 eq.       | 3.92E+01 | 3.55E+01      | 9.36E-05     | 2.79E-05     | 3.80E+00  | 1.18E-03    | 6.64E-03 |
| Land use                                                                                        | No dimension       | 2.56E-02 | 2.56E-02      | 0.00E+00     | 0.00E+00     | 0.00E+00  | 0.00E+00    | 0.00E+00 |
| Ozone depletion                                                                                 | kg CFC-11 eq.      | 2.30E-07 | 1.83E-07      | 5.89E-11     | 5.93E-11     | 4.63E-08  | 6.87E-10    | 8.65E-09 |
| Photochemical ozone formation, human health                                                     | kg NMVOC eq.       | 6.59E-03 | 4.90E-03      | 9.91E-04     | 2.38E-05     | 6.43E-04  | 3.98E-05    | 2.73E-04 |
| Resource use, fossils (Abiotic resource depletion - Fossil fuels)                               | MJ                 | 2.97E+01 | 2.52E+01      | 5.70E-01     | 1.84E-02     | 3.92E+00  | -2.37E-02   | 1.21E+00 |
| Resource use, minerals and metals (Abiotic resource depletion - Elements)                       | kg SB eq.          | 1.61E-04 | 1.39E-04      | 1.61E-09     | -6.99E-09    | 2.25E-05  | -5.95E-07   | 1.30E-08 |
| Water use                                                                                       | m3 eq.             | 1.07E+00 | 8.89E-01      | 1.49E-04     | 5.87E-03     | 1.57E-01  | 1.49E-02    | 6.50E-02 |
| Net use of freshwater                                                                           | m3                 | 2.49E-02 | 2.07E-02      | 3.46E-06     | 1.37E-04     | 3.66E-03  | 3.47E-04    | 1.51E-03 |
| Total Primary Energy                                                                            | MJ                 | 3.12E+01 | 2.67E+01      | 5.71E-01     | 1.70E-02     | 3.92E+00  | -2.52E-02   | 1.69E+00 |
| Total use of non-renewable primary energy resources                                             | MJ                 | 2.97E+01 | 2.52E+01      | 5.70E-01     | 1.84E-02     | 3.92E+00  | -2.37E-02   | 1.21E+00 |
| Total use of renewable primary energy resources                                                 | MJ                 | 1.57E+00 | 1.56E+00      | 7.31E-04     | -1.34E-03    | 5.05E-03  | -1.52E-03   | 4.86E-01 |
| Use of non renewable primary energy excluding non renewable primary energy used as raw material | MJ                 | 2.74E+01 | 2.30E+01      | 5.70E-01     | 1.84E-02     | 3.84E+00  | -2.37E-02   | 1.21E+00 |
| Use of non renewable primary energy resources used as raw material                              | MJ                 | 2.30E+00 | 2.22E+00      | 0.00E+00     | 0.00E+00     | 7.83E-02  | 0.00E+00    | 0.00E+00 |
| Use of non renewable secondary fuels                                                            | MJ                 | 0.00E+00 | 0.00E+00      | 0.00E+00     | 0.00E+00     | 0.00E+00  | 0.00E+00    | 0.00E+00 |
| Use of renewable primary energy excluding renewable primary energy used as raw material         | MJ                 | 1.14E+00 | 1.14E+00      | 7.31E-04     | -1.34E-03    | 5.05E-03  | -1.52E-03   | 4.86E-01 |
| Use of renewable primary energy resources used as raw material                                  | MJ                 | 4.24E-01 | 4.24E-01      | 0.00E+00     | 0.00E+00     | 0.00E+00  | 0.00E+00    | 0.00E+00 |
| Use of renewable secondary fuels                                                                | MJ                 | 0.00E+00 | 0.00E+00      | 0.00E+00     | 0.00E+00     | 0.00E+00  | 0.00E+00    | 0.00E+00 |
| Use of secondary material                                                                       | kg                 | 3.89E-02 | 3.89E-02      | 0.00E+00     | 0.00E+00     | 0.00E+00  | 0.00E+00    | 0.00E+00 |
| Hazardous waste disposed                                                                        | kg                 | 1.28E+00 | 1.13E+00      | 0.00E+00     | -4.18E-05    | 9.63E-02  | 5.55E-02    | 1.99E-02 |
| Non hazardous waste disposed                                                                    | kg                 | 5.64E-01 | 4.88E-01      | 1.38E-03     | 5.20E-02     | 6.20E-03  | 1.58E-02    | 4.38E-01 |
| Radioactive waste disposed                                                                      | kg                 | 2.74E-04 | 2.62E-04      | 9.60E-07     | 2.26E-07     | 4.41E-06  | 6.61E-06    | 2.60E-05 |
| Components for reuse                                                                            | kg                 | 0.00E+00 | 0.00E+00      | 0.00E+00     | 0.00E+00     | 0.00E+00  | 0.00E+00    | 0.00E+00 |
| Exported Energy                                                                                 | MJ                 | 0.00E+00 | 0.00E+00      | 0.00E+00     | 0.00E+00     | 0.00E+00  | 0.00E+00    | 0.00E+00 |
| Materials for energy recovery                                                                   | kg                 | 0.00E+00 | 0.00E+00      | 0.00E+00     | 0.00E+00     | 0.00E+00  | 0.00E+00    | 0.00E+00 |
| Materials for recycling                                                                         | kg                 | 0.00E+00 | 0.00E+00      | 0.00E+00     | 0.00E+00     | 0.00E+00  | 0.00E+00    | 0.00E+00 |

# Product Environmental Profil

## Wireless remote control Ysia Variation ZIGBEE range



> Here are the impacts of the B module, the use phase.

| Indicators                                                                                      | Units              | Use       | B1       | B2        | B3       | B4       | B5       | B6       | B7       |
|-------------------------------------------------------------------------------------------------|--------------------|-----------|----------|-----------|----------|----------|----------|----------|----------|
| Acidification                                                                                   | mol H+ eq.         | 1.79E-03  | 0.00E+00 | 1.79E-03  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Climate change - total                                                                          | kg CO2 eq.         | 3.26E-01  | 0.00E+00 | 3.26E-01  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Climate change - biogenic                                                                       | kg CO2 eq.         | -1.03E-06 | 0.00E+00 | -1.03E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Climate change - fossil                                                                         | kg CO2 eq.         | 3.26E-01  | 0.00E+00 | 3.26E-01  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Climate change - land use and land transformation                                               | kg CO2 eq.         | 0.00E+00  | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Ecotoxicity, freshwater                                                                         | CTUe               | 3.47E+01  | 0.00E+00 | 3.47E+01  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Particulate matter                                                                              | Disease occurrence | 9.76E-09  | 0.00E+00 | 9.76E-09  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Eutrophication, freshwater                                                                      | kg P eq.           | 2.09E-06  | 0.00E+00 | 2.09E-06  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Eutrophication, marine                                                                          | kg N eq.           | 1.72E-04  | 0.00E+00 | 1.72E-04  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Eutrophication, terrestrial                                                                     | mol N eq.          | 1.81E-03  | 0.00E+00 | 1.81E-03  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Human toxicity, cancer                                                                          | CTUh               | 3.77E-08  | 0.00E+00 | 3.77E-08  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Human toxicity, non-cancer                                                                      | CTUh               | 4.98E-08  | 0.00E+00 | 4.98E-08  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Ionising radiation, human health                                                                | kBq U235 eq.       | 3.80E+00  | 0.00E+00 | 3.80E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Land use                                                                                        | No dimension       | 0.00E+00  | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Ozone depletion                                                                                 | kg CFC-11 eq.      | 4.63E-08  | 0.00E+00 | 4.63E-08  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Photochemical ozone formation, human health                                                     | kg NMVOC eq.       | 6.43E-04  | 0.00E+00 | 6.43E-04  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Resource use, fossils (Abiotic resource depletion – Fossil fuels)                               | MJ                 | 3.92E+00  | 0.00E+00 | 3.92E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Resource use, minerals and metals (Abiotic resource depletion – Elements)                       | kg SB eq.          | 2.25E-05  | 0.00E+00 | 2.25E-05  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Water use                                                                                       | m3 eq.             | 1.57E-01  | 0.00E+00 | 1.57E-01  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Net use of freshwater                                                                           | m3                 | 3.66E-03  | 0.00E+00 | 3.66E-03  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Total Primary Energy                                                                            | MJ                 | 3.92E+00  | 0.00E+00 | 3.92E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Total use of non-renewable primary energy resources                                             | MJ                 | 3.92E+00  | 0.00E+00 | 3.92E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Total use of renewable primary energy resources                                                 | MJ                 | 5.05E-03  | 0.00E+00 | 5.05E-03  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Use of non renewable primary energy excluding non renewable primary energy used as raw material | MJ                 | 3.84E+00  | 0.00E+00 | 3.84E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Use of non renewable primary energy resources used as raw material                              | MJ                 | 7.83E-02  | 0.00E+00 | 7.83E-02  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Use of non renewable secondary fuels                                                            | MJ                 | 0.00E+00  | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Use of renewable primary energy excluding renewable primary energy used as raw material         | MJ                 | 5.05E-03  | 0.00E+00 | 5.05E-03  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Use of renewable primary energy resources used as raw material                                  | MJ                 | 0.00E+00  | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Use of renewable secondary fuels                                                                | MJ                 | 0.00E+00  | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Use of secondary material                                                                       | kg                 | 0.00E+00  | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Hazardous waste disposed                                                                        | kg                 | 9.63E-02  | 0.00E+00 | 9.63E-02  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Non hazardous waste disposed                                                                    | kg                 | 6.20E-03  | 0.00E+00 | 6.20E-03  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Radioactive waste disposed                                                                      | kg                 | 4.41E-06  | 0.00E+00 | 4.41E-06  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Components for reuse                                                                            | kg                 | 0.00E+00  | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Exported Energy                                                                                 | MJ                 | 0.00E+00  | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Materials for energy recovery                                                                   | kg                 | 0.00E+00  | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Materials for recycling                                                                         | kg                 | 0.00E+00  | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

> **Biogenic carbon content** : 0.000 kg C. biogenic for the product, 0.017 kg C. biogenic for the packaging, using 0/0 method.

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Monde  
74300 Cluses  
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## Product Environmental Profil

### Wireless remote control Ysia Variation ZIGBEE range



> Those impacts are applicable to all product references on page 1.

#### > Extrapolation rule

Don't needed

|                                                                                                                                                                             |                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Registration number : <b>SOMF-00224-V01.01-EN</b>                                                                                                                           | Drafting Rules: PCR-ed4-FR-2021 09 06<br>Complemented by : PSR-0005-ed3.1-FR-2023 12 08     |
| Accreditation number: VH48                                                                                                                                                  | Programme information: <a href="http://www.pep-ecopassport.org">www.pep-ecopassport.org</a> |
| Date of issue: 04-2024                                                                                                                                                      | Validity period: 5 years                                                                    |
| Independent verification of the declaration and data. in compliance with ISO 14025 : 2010<br>Internal <input type="checkbox"/> External <input checked="" type="checkbox"/> |                                                                                             |
| The PCR review was conducted by a panel of experts chaired by Julie ORGELET (DDEMAIN)                                                                                       |                                                                                             |
| PEP are compliant with ISO 14025 environnemental declaration type III                                                                                                       |                                                                                             |
| The elements of the present PEP cannot be compared with elements from another program.                                                                                      |                                                                                             |
| Document in compliance with ISO 14025: 2010 "Environmental labels and declarations. Type III environmental declarations. »                                                  |                                                                                             |
| PEP are compliant with NF C08-100-1 :2016 and EN 50693 :2019 or NF E38-500 :2022                                                                                            |                                                                                             |
| Somfy contact: Pierre HOGUET. Ecodesign Engineer. <a href="mailto:pierre.hoguet@somfy.com">pierre.hoguet@somfy.com</a>                                                      |                                                                                             |

