



## Environmental Product Declaration

|  |   |  |  |
|--|---|--|--|
| <b>Product</b>                                   | Type of equipment / Product No.   | RDF800KN/NF<br>RDD810KN/NF<br>RDF800KN | FCU with KNX room thermostat<br>Heating with KNX room thermostat<br>FCU with KNX room thermostat |
|  | Product line  | RAC                                    |  |
|  | <b>Process control</b>  |  |  |
|  | Siemens Switzerland Ltd<br>Gubelstrasse 22<br>Zug 6300<br>Switzerland   |  |  |
|  | Management System   | since                                  | by   |
|  | ISO 9001 (Quality)  | 01.06.2012                             | LPCB   |
|  | ISO 14001 (Environment)   | 01.05.2005                             | SGS  |
|  | OHSAS 18001 (OH&S)  | 01.12.2011                             | SGS  |
| <b>Environmentally compatible product design</b> | Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design". |  |  |
| <b>Product use</b>                               | Typical energy consumption  | 20kWh/a                                |  |
|  | Maintenance   | Not necessary<br>On notice             |  |
| <b>Risk of fire</b>                              | Fire protection according to  | EN 60730                               |  |
|  | Fire load   | 2MJ                                    |  |
| <b>Packaging</b>                                 | kraft Liner board   | GIFT BOX                               | 45g  |
|  | kraft Liner board   | GIFT BOX INSERT                        | 25g  |
|  | kraft Liner board   | CARTONBOARD                            | 80g  |
|  | kraft Liner board   | CARTON BOX                             | 500g   |
|  | Woodfree paper  | RDF800KN manual                        | 17g  |
|  | Paper corner  | PAPER CORNER A(                        | 140g   |
|  | Paper corner  | PAPER CORNER B                         | 145g   |
|  | kraft Liner board   | COVER                                  | 180g   |
|  | Notes on disposal   | One-way, recyclable                    |  |
| <b>Materials</b>                                 | Total weight of device  | variant *) see below                   |  |
|  | The total weight of a device may deviate from the total of the weights of all individual components due to rounding.  |  |  |
| Plastics   | PC; Free data entry; halogen-free   | Front housing                          | 8g   |
|  | PC; Free data entry; halogen-free   | Adaptor Plate                          | variant  |
|  | PC; Free data entry; halogen-free   | Isolation Plate                        | 5g   |
|  | PC; Free data entry; halogen-free   | Back Cabinet                           | 13g  |
|  | PC; Free data entry; halogen-free   | Adaptor Plate                          | variant  |

|   |   |                            |         |
|---|---|----------------------------|---------|
| Metals                                  | 1022 carbon steel; nickel               | SCREW 2.3X4                |         |
|   | Steel; nickel plated                    | SCREW M4X23                | variant |
|   | Steel; nickel plated                    | Mounting Screw M3.6*25     | variant |
|   | Steel; nickel plated                    | SCREW 3X25                 | variant |
| Others                                  | G6DS-1A,Miniature Relay with 1-pole 5-A | Relay                      | variant |
|   | PE014012 DC12 SPDT Relay                | Relay                      | variant |
|   | UL1569#22,PVC                           | Cable                      | variant |
| PCBAs (Printed Circuit Board assembled) | FR4; halogenated; solder SnCuNi         | PCB FR4, 4Layer, 1.2mm thk | 20g     |
|   | FR4; halogenated; solder SnAgCu         | PCB FR4, 2Layer, 1.2mm thk | 5g      |
|   | FR4; halogenated; solder SnCuNi         | PCB FR4, 2layer, 1.2mm thk | variant |
|   | FR4; halogenated; solder SnCuNi         | PCB FR4, 2layer, 1.2mm thk | variant |

**\*Variant parts list**

|                                  | RDF800KN/NF |  |  |
|----------------------------------|-------------|--|--|
| [g]                              |             |  |  |
| Total weight of device           | 71          |  |  |
| PC; Free data entry; halogen-fr  | 17          |  |  |
| PC; Free data entry; halogen-fr  |             |  |  |
| Steel; nickel plated             | 0           |  |  |
| Steel; nickel plated             | 2           |  |  |
| Steel; nickel plated             |             |  |  |
| G6DS-1A,Miniature Relay with 1-p | 0           |  |  |
| PE014012 DC12 SPDT Relay         |             |  |  |
| UL1569#22,PVC                    | 0           |  |  |
| FR4; halogenated; solder SnCuNi  | 4           |  |  |
| FR4; halogenated; solder SnCuNi  |             |  |  |

**Disposal**

The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered too. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

**Comments**

**EU-directive 2011/65/EU (RoHS)**

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

**Regulation (EC) No. 1907/2006 (REACH)**

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.

(Status according to the creation date of this document.)

**Legal Disclaimer: This declaration is for information purpose only.**

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Siemens Switzerland Ltd therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.