



Environmental Product Declaration

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| Product | Type of equipment / Product No. | RDD310/EH & RDE410/EH | THE for control of electrical floor heating system |
| | Product line | RDD/RDE semi flush mount thermostats | |
| Process control | Siemens Switzerland Ltd Gubelstrasse 22 Zug 6300 Switzerland | | |
| | Management System | since | by |
| | ISO 9001 (Quality) | 22.07.1986 | SQS |
| | ISO 14001 (Environment) | 20.10.1998 | SQS |
| | OHSAS 18001 (OH&S) | 01.01.2011 | SQS |
| Environmentally compatible product design | 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". | | |
| Product use | Typical energy consumption | 18kWh/a | |
| | Maintenance | Not necessary | |
| Risk of fire | Fire protection according to | EN 60730 | |
| | Fire load | 4MJ | |
| Packaging | 20-PAP Corrugated fiber board | GIFT BOX (1540292CSFE) | 45g |
| | 20-PAP Corrugated fiber board | GIFT BOX INSERT (1540293CSFE) | 25g |
| | 22-PAP paper | Installation Instruction | 4g |
| | 22-PAP paper | Operating Instruction Manual | 8g |
| | Notes on disposal | One-way, recyclable | |
| Materials | Total weight of device | 152g | |
| | The total weight of a device may deviate from the total of the weights of all individual components due to rounding. | | |
| Plastics | PC; halogen-free | Mounting plate | 23g |
| | PC; halogen-free | Back cabinet | 15g |
| | ABS; halogen-free | Front Case | 10g |
| | ABS; halogen-free | Setpoint Button "+" | 1g |
| | ABS; halogen-free | Setpoint Button "-" | 1g |
| | ABS; halogen-free | ON/OFF Button | 1g |
| | ABS; halogen-free | Dummy_Button | 1g |
| | ABS; halogen-free | Long Dummy Button, Left | 2g |
| | ABS; halogen-free | Long Dummy Button, Right | 2g |
| | PC; halogen-free | LCD Lens | 8g |
| | PC; halogen-free | Isolation Plate | 5g |

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| | PC; halogen-free | Header Guide | 1g |
| Metals | Steel; zinc plated | ST SCREW 2.2X4 | 1g |
| | Steel stainless | LCD Bracket | 5g |
| PCBAs (Printed Circuit Board assembled) | FR4; TBBA; solder SnPb | PCB_LOGIC_BOARD assembly | 38g |
| | FR4; TBBA; solder SnAgCu | PCB_POWER_BOARD assembly | 19g |
| | FR4; TBBA; solder SnAgCu | PCB_RELAY_BOARD assembly | 25g |
| Special components (part of the assembled PCB) | Relay | AgNi | 1pcs (2g) |
| | Electric wire | Cu | 2pcs (1g) |

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

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.)

The device is halogen-free with exception of:
PCB (TBBA)

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.