



Environmental Product Declaration

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|--|---|---|---------------|
| Product | Type of equipment | RLU210, RLU202, RLU220, RLU222 | |
| | Designation | Universal controller | |
| | Product line | Synco™ 200 | |
| Process control | Siemens Switzerland Ltd. Building Technologies Division Gubelstrasse 22, CH-6301 Zug | | |
| | Management system certified | since | by |
| | ISO 14001 (environment) | 20.10.1998 | BSI |
| | ISO 9001 (quality) | 12.07.1986 | BSI |
| Environmentally compatible product design | Product responsibility of Siemens covers the entire product life cycle. Siemens already assess, 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 Siemens Standard SN 36350 "Environmentally compatible products". | | |
| Product use | Typical energy consumption per year | Approx. 18 kWh/a | |
| | Maintenance | Not required | |
| | Environmental benefits | see note on page 2 | |
| Risk of fire | Fire protection according to | Not applicable | |
| | Fire load | Approx. 8 MJ | |
| Packaging | Paperboard, cardboard boxes, paper | Folded bottom box, label | 39.1 g |
| | Notes on disposal | Recyclable, proper separation possible | |

| Materials | | Total weight of device | 323...330 g |
|---------------------------|---|---|--------------------|
| Plastics | PC | Terminal base, housing, terminal strips | 183.4 g |
| | ASA | Sliders | 0.9 g |
| | Silicone caoutchouc | Switching pad | 3.1 g |
| Metals | Chromium nickel steel material no. 1.4310 | Cage springs | 3.7...6.8 g |
| | Copper alloy: P 0.1 %; Ni 1.8 %; Si 0.35 %; rest copper (97.75 %) | Contact springs | 4.6...9.4 g |
| PCBs assembled | FR4, 8 % bromium TBBA | 3 pieces | 128 g |
| Special Components | LCD (surface 27.2 cm ²) | On PCB | (21.2 g) |
| | Electrolytic capacitor 3.8 cm ³ | On PCB | (4.5 g) |
| | Electrolytic capacitor 0.8 cm ³ | On PCB | (1.3 g) |
| | Relays, contacts AgSnO ₂ , AgNi 0.15 | 2 pieces on PCB | (16 g) |

(Weights in brackets are already included in components declared under materials)

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and should not be disposed of as unsorted municipal waste.

The relevant national legal rules are to be adhered to. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

Comments

Materials

The devices are free from substances banned by the Directive 2002/95/EC (RoHS):

- Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials
- Cd: < 0.01 % by weight in homogeneous materials

The silicone caoutchouc buttons and panels used in the devices have undergone heat treatment at 200 °C for 2 hours. The plastic parts were produced without the use of silicone-containing releasing agents.

Environmental benefits

- High-quality PID controller operating with predefined and tested parameters
- Energy-saving setpoints and operating mode (Precomfort)
- Demand-dependent plant operation (plant is switched on only when required)
- Heating limit switch (heating is switched off in the summer)
- Second fan speed is switched on only when required by the room
- Load-dependent switching of pumps
- Indoor air quality control (demand-dependent switching of fan)

This declaration is for information purposes 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.