



Environmental Product Declaration

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|--|---|-----------------------------------|---|
| Product | Type of equipment / Product No. | FDOOT271 BAT3.6-10 | Radio neural fire detector Li-SOC12 Batt.Pack 3.6V, 10Ah |
| Process control | Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH 6301 ZUG | | |
| | Management System | since | by |
| | ISO 9001 (Quality) | 15.04.2013 | SQS |
| | ISO 14001 (Environment) | 15.04.2013 | SQS |
| | OHSAS 18001 (OH&S) | 15.04.2013 | 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 | variant *) see below | |
| | Maintenance | Change of batteries On notice | |
| | Fire load | variant *) see below | |
| Packaging | 4-LDPE | detector - plastic bag | variant |
| | 22-PAP paper | Product insert | variant |
| | 20-PAP Corrugated fiber board | Cardboard box (1/20 of whole box) | variant |
| | Notes on disposal | One-way, recyclable | |
| Materials | 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 | ABS | Detector housing | variant |
| | ABS | Cover | variant |
| | ABS | Labyrinth | variant |
| | ABS | Support | variant |
| | PC | Light conductor, reception lens | variant |
| | ABS | Base radio detector | variant |
| Metals | CuZn37 (C2740/CW508L); tin plated | EMI cover | variant |
| | CuZn37 (C2740/CW508L); tin plated | Antenna | variant |
| Others | Steel stainless; steel | Pressure Spring | variant |
| | ABS+PC (V-0) with PA / Elasthan | Screen ring with stuff | variant |
| PCBAs (Printed Circuit Board assembled) | Li-SOC12 Battery | Batteries / Accumulators | variant |
| | FR4 | Printed Circuit Board assembled | variant |
| | FR4 | FDRF271 SWING RF-Module | variant |

***Variant parts list**

| | FDOOT271 | BAT3.6-10 | | | | | | | | | | |
|-----------------------------------|----------|-----------|--|--|--|--|--|--|--|--|--|--|
| Total weight of device [g] | 166 | 92 | | | | | | | | | | |
| Detector housing | 21 | | | | | | | | | | | |
| Cover | 34 | | | | | | | | | | | |
| Labyrinth | 19 | | | | | | | | | | | |
| Support | 22 | | | | | | | | | | | |
| Light conductor, reception lens | 1 | | | | | | | | | | | |
| Base radio detector | 38 | | | | | | | | | | | |
| EMI cover | 2 | | | | | | | | | | | |
| Antenna | 2 | | | | | | | | | | | |
| Pressure Spring | | | | | | | | | | | | |
| Screen ring with stuff | 5 | | | | | | | | | | | |
| Batteries / Accumulators | | 92 | | | | | | | | | | |
| Printed Circuit Board assembled | 18 | | | | | | | | | | | |
| FDRF271 SWING RF-Module | 4 | | | | | | | | | | | |
| Fire load [MJ] | 6 | | | | | | | | | | | |
| Typical energy consumption [Wh/a] | 8.8 | | | | | | | | | | | |
| Packaging | | | | | | | | | | | | |
| detector - plastic bag [g] | 3 | | | | | | | | | | | |
| Product insert | 4 | | | | | | | | | | | |
| Cardboard box (1/20 of whole box) | 24 | | | | | | | | | | | |

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

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.

Further notes and comments:

parts of the PCB are waxed for SO2 protection

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 Schweiz AG 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.