



Environmental Product Declaration

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|--|---|----------------------|-------------|
| Product | Type of equipment / | SEM62.1 | Transformer |
| | Product No. | SEM62.2 | Transformer |
| Process control | BSCE | | |
| | 1, Fengzhi East Road, Xibeiwang, Haidian District 100094, BEIJING / China | | |
| | Management System | since | by |
| | ISO 9001 (Quality) | 06.01.2001 | LPCB |
| | ISO 14001 (Environment) | 05.07.2005 | SGS |
| | OHSAS 18001 (OH&S) | 12.12.2011 | SGS |
| 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 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design". | | |
| Product use | Typical energy consumption | 132kWh/a | |
| | Maintenance | Not necessary | |
| | | Not necessary | |
| Risk of fire | Fire protection according to | EN 60730 | |
| | Fire load | 8MJ | |
| Packaging | 20-PAP Corrugated fiber board | Gift Box | 51g |
| | 20-PAP Corrugated fiber board | Carton Box | 296g |
| | 20-PAP Corrugated fiber board | Card Board | 34g |
| | 4-LDPE | bag | 4g |
| | 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 | PC; halogen-free | Front Housing | variant |
| | PC; halogen-free | Lower Housing | 45g |
| | PC; halogen-free | Lock | 2g |
| | PA66; halogen-free | Bobbin | 73g |
| | PA66; halogen-free | Bobbin Cover | 45g |
| | PA66; halogen-free | Bobbin Lid | 2g |
| Metals | Steel stainless; zinc plated | PCB Screw | 1g |
| | Steel stainless; zinc plated | screw | 3g |
| Others | Transformer Transformer input:230Vac, output:24Vac, 5 Transformer | | 734g |
| | Rocker switch | Switch | variant |
| | Fuse Holder Fuseholder 5x20mm 250V/10A Detail Info Fuse holder | | variant |
| | Fuse Time Lag Fuse 5x20mm 1,6AT glass UL 021800(Fuse | | variant |
| | UL1015 AWG20 Standard Wire | Cable/wire | variant |
| | | | |
| PCBAs (Printed Circuit Board assembled) | CEM1; halogenated; solder SnAgCu | PCB-D091 | 12g |
| | CEM1; halogenated; solder SnPb | PCB-D092 | 13g |

CEM1; halogenated; solder SnAgCu

PCB-D093

2g

***Variant parts list**

| | SEM62.1 | SEM62.2 | | | | | | | | | |
|----------------------------|---------|---------|--|--|--|--|--|--|--|--|--|
| Total weight of device [g] | 1,004 | 1,016 | | | | | | | | | |
| Front Housing | 74 | 73 | | | | | | | | | |
| Switch | | 4 | | | | | | | | | |
| Fuse holder | | 7 | | | | | | | | | |
| Fuse | | 1 | | | | | | | | | |
| Cable/wire | | 2 | | | | | | | | | |

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. 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, including the 4 phthalates added to Annex II in 2015.

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. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(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.
 BSCE 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.