



Environmental Product Declaration

Product

| | | |
|---------------------|---|-------------------------------|
| Type of equipment / | 5ST3053 | Basic low voltage |
| Product No. | 5ST3054 | Basic high voltage |
| | 5ST3055 | Power low voltage |
| | 5ST3056 | Power high voltage |
| | 5ST3057 | Power + ARD low voltage |
| | 5ST3058 | Power + ARD high voltage |
| | 5ST3070 | Remote control Extended power |
| Product line | 5ST305[3-8] and 5ST3070 Remote control mechanism devices | |

Process control

| | | |
|--|------------|-----|
| Siemens AG Siemensstraße 10 93055 Regensburg / Germany | | |
| Management System | since | by |
| ISO 9001 (Quality) | 15.12.1993 | VDE |
| ISO 14001 (Environment) | 08.09.1999 | VDE |
| OHSAS 18001 (OH&S) | 28.06.2011 | VDE |

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".

| | |
|-------------|---------------|
| Maintenance | Not necessary |
|-------------|---------------|

| | |
|-----------|-----|
| Fire load | 2MJ |
|-----------|-----|

Packaging

| | |
|-------------------|---------------------|
| 20-PAP Wellpappe | 50g |
| 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

| | |
|--------------|---------|
| PA6; GF 30% | variant |
| PBT; GF 30% | 1g |
| PA66; GF 25% | variant |
| PBT; GF 50% | 1g |
| PC; GF 30% | variant |
| PBT | variant |
| PC | variant |

Metals

| | |
|--------------------|-----|
| Stahl <=5% legiert | 12g |
| Magnet | 1g |
| Al | 5g |
| Stahl | 1g |
| Stahl >5% legiert | 7g |

PCBAs (Printed Circuit Board assembled)

| | | |
|-----|--------------------|---------|
| FR4 | PCBA control board | variant |
|-----|--------------------|---------|

*Variant parts list

Total weight of device

PA6; GF 30%

PA66; GF 25%

PC; GF 30%

PBT

PC

FR4

| [g] | 5ST3053 | 5ST3054 | 5ST3055 | 5ST3056 | 5ST3057 | 5ST3058 | 5ST3070 |
|-----|---------|---------|---------|---------|---------|---------|---------|
| | 124 | 144 | 134 | 134 | 134 | 134 | 134 |
| | 52 | 64 | 64 | 64 | 64 | 64 | 64 |
| | 3 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 0 | 0 | 0 | 0 | 0 | 0 |
| | 45 | 48 | 39 | 39 | 39 | 39 | 39 |

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)

The device contains the following 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.

Lead, CAS-Nr.7439-92-1

(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 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.

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25.05.2020