



Environmental Product Declaration

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|-----------------|--|---|-----|--|
| Product | Type of equipment / Product No. | SAT31.xx SAT61.xx | | |
| | Designation | Actuator 300N; 5.5mm; 3P/AC230V Actuator 300N; 5.5mm; 0..10V/4..20mA / AC/DC24V | | |
| | Product line | Stroke actuators for seat valves | | |
| Process control | Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH-6300 Zug | | | |
| | Management System | since | by | |
| | ISO 14001 (Environment) | 20.10.1998 | SQS | |
| | ISO 9001 (Quality) | 22.07.1986 | 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 | 2kWh/a | | |
| | Maintenance | Not necessary never | | |
| Risk of fire | Fire protection according to | EN 60730 & UL 873 | | |
| | Fire load | 7 ... 8MJ | | |
| Packaging | 20-PAP Corrugated fiber board | Cardboard | 44g | |
| | 22-PAP paper | Label | 1g | |
| | Notes on disposal | One-way, recyclable | | |

| | | | |
|---|--|-----------------------------------|--------------|
| Materials | Total weight of device | | 416 ... 661g |
| | The total weight of a device may deviate from the total of the weights of all individual components due to rounding. | | |
| Plastics | PC+ABS FR(40); halogen-free | CablingCover,UpperHousing,etc. | 74 ... 78g |
| | PC+ABS GF20 FR(40); GF 20%; halogen-free | HandWheel,GearBoxPlatine | 118 ... 126g |
| | POM; halogen-free | Div.Teile | 8 ... 22g |
| | PC FR; halogen-free | LightPipe | 1g |
| | PC; halogen-free | PosIndicatorCover | 12g |
| | PA6T/66 CF30+Z; CF+Z 30%; halogenated | SpindleWheel_SS | 4 ... 27g |
| | PA66+PA6 GF30; GF 30%; halogen-free | UpperCentralShaft_SA | 0 ... 4g |
| | TPE; halogen-free | CablingCover | 3g |
| | PBT GF30 FR(17); GF 30%; halogenated | LowerHousing;Plunger | 57 ... 86g |
| | PA66 RF20; halogen-free | BearingCentralShaft_WSR | 3g |
| | PEEK; halogen-free | Gear | 0 ... 4g |
| | Steel; galvanized | div. Screws | 39g |
| | Steel >5% alloyed | ReturnSpring, Axle | 17 ... 217g |
| | CuSn | PlungerShaft, Hexagonal motor nut | 4g |
| Metals | Steel , Cooper , PCB | Motors | 25 ... 33g |
| Others | FR4; TBBA; solder SnAgCu | PCBA | 34g |
| PCBAs (Printed Circuit Board assembled) | | | |

*Variant parts list

Total weight of device

| | | | | | | | | | | | |
|-----|----------|----------|--|--|--|--|--|--|--|--|--|
| | SAT31.0x | SAT61.5x | | | | | | | | | |
| [g] | 416 | 661 | | | | | | | | | |

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 free from substances which interfere with lacquer wetting.

The device is halogen-free with exception of:

PCB (TBBA); SpindleWheel (PTFE); LowerHousing;Plunger; Flame protected FR(17)

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.