



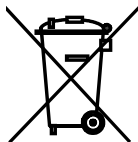
Environmental Product Declaration

| | | |
|----------------------------------|--|--|
| Product | Device type | Electromechanical actuator, type SSB |
| | Designation | SSB819/1012 |
| | Product range | Valves and actuators |
| Process control | Siemens Building Technologies AB | |
| | Elektronvägen 4 | |
| | SE-141 87 Huddinge | |
| | Management system certified | since by |
| | ISO 14001 (environment) | 31 Oct. 1996 SIS (1 Sept. 2002 SEMKO-DEKRA) |
| ISO 9001 (quality) | 23 Nov. 1988 SIS (1 Sept. 2002 SEMKO-DEKRA) | |
| Product use | Typical energy consumption per year | appr. 0,7 kWh at 10% duty cycle |
| | Maintenance | Maintenance free |
| | Environmental benefits | see notes on page 2 |
| Environmental risk (fire) | Fire protection as per | EN 60730 |
| | Fire load | appr. 6 MJ |
| | Parts containing halogens (result in corrosive smoke) | Printed circuit board Cables |
| Packaging | Paperboard, cardboard boxes, paper | 56 g |
| | Notes on disposal | Can be recycled |

| Materials [g] | Actuator | SSB819/1012 |
|-----------------------------------|--|-------------|
| | Total weight of device* | 307 |
| Plastics | Polyamid PA | 4 |
| | Polybutylene terephthalate PBT 20% GF | 19 |
| | Polybutylene terephthalate PBT 30% GF | 11 |
| | ABS-polycarbonate blend PC-ABS | 52 |
| | Polyoxymethylene POM | 8 |
| | Polyphenylene sulfide PPS | 17 |
| | Polyvinyl chloride PVC | 77 |
| | Polyetheretherketon PEEK | 1 |
| Metals | Non alloyed copper Cu | 35 |
| | Alloyed copper Cu-X | 24 |
| | Non alloyed steel Fe-C | 6 |
| | Low alloy steel Fe-C-X | 1 |
| | High alloy steel Fe-Cr-Ni | 7 |
| Other materials | Glue | 1 |
| External products | Motor, contains less than 3,5g Cu and less than 0,004g Pb | 26 |
| Circuit boards with components | Total weight/ | 18/ |
| | FR4 board contains halogens | 10 |

*The total weight includes even substances under 0.1% of the total weight that are not declared separately.

Disposal



Do not dispose of the device as part of standard household garbage, but as special waste from electrical and electronic components. This particularly applies to electronic circuit boards.

Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.

Observe all local and applicable laws!

Environmental benefits:

The actuator reduces consumption of energy due to switch off in the end positions.

Legal disclaimer: 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 Building Technologies 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.

If you require further information on environmental aspects and disposal, contact your local Siemens branch office.