SIEMENS

Building Automation
HVAC Products

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** **(1 Sept. 2002**	**SIS** **SEMKO-DEKRA)**
	ISO 9001 (quality)	**23 Nov. 1988** **(1 Sept. 2002**	**SIS** **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
	Polyohenylene 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.

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