



Environmental Product Declaration

Product	Device type	Electromechanical actuator, type SQX	
	Designation	SQX329.00/189	
	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)	
	23 Nov. 1988	SIS	
	(1 Sept. 2002	SEMKO-DEKRA)	
Product use	Typical energy consumption per year	SQX32.00 appr. 2,6 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. 8 MJ	
	Parts containing halogens (result in corrosive smoke)	Printed circuit board	
		Cables	
Packaging	Paperboard, cardboard boxes, paper	122 g	
	Notes on disposal	Can be recycled	

Materials [g]	Actuator	SQX329.00/189
	Total weight of device*	1566
Plastics	Polyethylene PE	4
	Polyamid PA	22
	ABS-polycarbonate blend PC-ABS	131
	Polyoxymethylene POM	36
	Polyester	2
	Metals	Non alloyed aluminium Al
Alloyed aluminium Al-x		637
Alloyed copper Cu-X		50
Non alloyed steels Fe-C		322
Low alloyed copper Fe-C-X		42
High alloy steel Fe-Cr-Ni		57
Other materials	Grease	1
External products	Motor, contains less than 65g Cu and less than 0,4g Pb	184
Circuit boards with components	Total weight/	33/
	FR4 board contains halogens	8

*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.