



Environmental Product Declaration

Product	Device type	Electromechanical actuator, type SQS			
	Designation	SQS359.00/189, SQS359.03/189, SQS359.04/189, SQS359.05/189			
	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)		
ISO 9001 (quality)	23 Nov. 1988	SIS			
	(1 Sept. 2002	SEMKO-DEKRA)			
Product use	Typical energy consumption per year	appr. 2,2 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 [MJ]	SQS359			
		.00/189	.03/189	.04/189	.05/189
		10	10	10	10
	Parts containing halogens (result in corrosive smoke)	Printed circuit board			
		Cables			
Packaging	Actuator	SQS359			
		.00/189	.03/189	.04/189	.05/189
	Cardboard [g]	114	114	114	114
	Printed paper [g]	1	1	1	1
	Notes on disposal	Can be recycled			

Materials [g]	Actuator	SQS359			
		.00/189	.03/189	.04/189	.05/189
	Total weight of device*	442	440	459	455
Plastics	Polyethylene PE	2	2	2	2
	Polyamid PA	18	18	18	18
	ABS-polycarbonate blend PC-ABS	183	183	183	183
	Acrylonitrile butadiene styrene ABS	6	6	6	6
	Polyoxymethylene POM	39	39	39	43
	Polyfenylenoxid PPO	34	34	34	34
	Metals	Alloyed copper Cu-X	9	9	9
Non alloyed steels Fe-C		43	43	43	43
High alloy steel Fe-Cr-Ni		5	5	5	5
Other materials	Grease, oil	2	2	2	2
External products	Motor, contains less than 20g Cu and less than 0,4g Pb	66	66	75	73
Circuit boards with components	Total weight/	37/	34/	48/	34/
	CEM-1 board contains halogens	14	14	14	14

*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.