



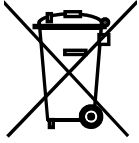
Environmental Product Declaration

Product	Device type	Electromechanical actuator, type SQL	
	Designation	SQL35, SQL85	
	Product range	Valves and actuators	
Process control	Siemens AB		
	SE-141 87 Huddinge		
	Management system certified	Since	by
	ISO 14001 (environment)	31 Oct. 1996	SIS
	ISO 9001 (quality)	23 Nov. 1988	SIS
		(1 Sept. 2002 SEMKO-DEKRA)	
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Product use	Typical energy consumption per year	appr. 5,7 kWh at 10% duty cycle	
	Maintenance	Maintenance free	
	Environmental benefits	RoHS compliant see notes on page 2	
Environmental risk (fire)	Fire protection as per	EN 60730-1 and EN 60730-2-14	
	Fire load [MJ]	SQL	
		35	85
		8	9
	Parts containing halogens (result in corrosive smoke)	Cables	
Packaging	Actuator	SQL	
		35	85
	Cardboard [g]	86	86
	Printed paper [g]	0	0
	Notes on disposal	Can be recycled	

Materials [g]	Actuator	SQL	
		35	85
	Total weight of device*	1280	1301
Plastics	Polyethylene PE	6	6
	Polyamid PA	19	19
	ABS-polycarbonate blend PC-ABS	123	123
	Acrylonitrile butadiene styrene ABS	31	49
	Polyoxymethylene POM	51	51
	Metals	Alloyed copper Cu-X	31
Non alloyed steel Fe-C		344	337
High alloy steel Fe-Cr-Ni		9	9
Low alloy steel Fe-C-X		68	68
Non alloyed Aluminium Al		2	2
Aluminium alloys Al-X		380	380
Other materials		Grease	1
External products	Motor, contains less than 65g Cu	184	184
	Terminal: Housing: PA, spring: Fe-C, insert: Cu-X, screw: Fe-C	13	13
	Microswitch	14	14
	Al-capacitor: SQL35: contains less than 2% Br SQL85: Al-capacitor: contains less than 1,5% Br	9	15

*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.