



Environmental Product Declaration

Product	Device type	Thermal actuator, type STA	
	Designation	STA21CIA, STA71CIA	
	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	SIS (1 Sept. 2002)	
	SEMKO-DEKRA)		
Product use	Typical energy consumption per year	appr. 2 kWh at 10% duty cycle	
	Maintenance	Maintenance free	
Environmental risk (fire)	Fire protection as per	EN 60730	
	Fire load [MJ]	STA	
		21CIA	71CIA
		3	3
Parts containing halogens (result in corrosive smoke)	Cables		
Packaging	Actuator	STA	
		21CIA	71CIA
	Cardboard [g]	23	23
	Printed paper [g]	0	0
	LDPE [g]	5	5
	Notes on disposal	Can be recycled	

Materials [g]	Actuator	STA	
		21CIA	71CIA
	Total weight of device*	195	
Plastics	Poly carbonate PC 10 % GF	23	23
	Poly carbonate PC 20 % GF	24	24
	Polybutylene terephthalate PBT 20 % GF	2	2
	Polyvinyl chloride PVC	62	62
Metals	Non alloyed copper Cu	35	35
	Alloyed copper Cu-X	15	15
	Non alloyed steels Fe-C	16	16
	Low alloy steels Fe-C-X	3	3
External Products	PTC-element, containing: Cu, Zn, Steel, Ceramic, FPM, Wax, Grease, Glue	16	16

*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!

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.