



Environmental Product Declaration

Product

Device type	Thermal actuator, type STP
Designation	STP71E, STP71/50E
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	
	(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 kWh at 10% duty cycle
Maintenance	Maintenance free
Environmental benefits	RoHS compliant

Environmental risk (fire)

Fire protection as per **EN 60730-1 and EN 60730-2-14**

Fire load [MJ]

STP					
71E	71/50E				
2.5	1.85				

Parts containing halogens
(result in corrosive smoke)

Cables

Packaging

Actuator	STP					
	71E	71/50E				
Carboard [g]	23	23				
LDPE [g]	5	5				
Printed paper [g]	0	0				

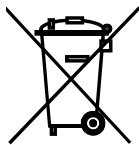
Notes on disposal

Can be recycled

Materials [g]	Actuator	STP				
		71E	71/50E			
	Total weight of device*	148	108			
Plastics	Poly carbonate PC 10 % GF	24	24			
	Poly carbonate PC 20 % GF	25	25			
	Polybutylene terephthalate PBT 20 % GF	2	2			
	Polyvinyl chloride PVC	26	108			
Metals	Non alloyed copper Cu	14	58			
	Alloyed copper Cu-X	17	17			
	Non alloyed steels Fe-C	17	17			
	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.