



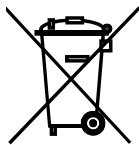
Environmental Product Declaration

Product	Device type	Thermal actuator, type STA																						
	Designation	STA71E, STA71/50E																						
	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																					
	ISO 9001 (quality)	23 Nov. 1988	SIS																					
		(1 Sept. 2002	SEMKO-DEKRA)																					
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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]	<table border="1"> <thead> <tr> <th colspan="6">STA</th> </tr> <tr> <th>71E</th> <th>71/50E</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>2.5</td> <td>1.85</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					STA						71E	71/50E					2.5	1.85				
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2.5	1.85																							
Parts containing halogens (result in corrosive smoke)	Cables																							
Packaging	Actuator	<table border="1"> <thead> <tr> <th colspan="6">STA</th> </tr> <tr> <th>71E</th> <th>71/50E</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>23</td> <td>23</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					STA						71E	71/50E					23	23				
	STA																							
	71E	71/50E																						
	23	23																						
	Cardboard [g]	23	23																					
LDPE [g]	5	5																						
Printed paper [g]	0	0																						
Notes on disposal	Can be recycled																							

Materials [g]	Actuator	STA				
		71E	71/50E			
	Total weight of device*	145	105			
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	16	16			
	Non alloyed steels Fe-C	15	15			
	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.