



Environmental Product Declaration

Product	Device type	Thermal actuator, type STA																												
	Designation	STA72E, STA72E/00																												
	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>72E</th> <th>72E/00</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						72E	72E/00					2.5	1.85										
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Parts containing halogens (result in corrosive smoke)	Cables																													
Packaging	Actuator	<table border="1"> <thead> <tr> <th colspan="6">STA</th> </tr> <tr> <th>72E</th> <th>72E/00</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>5</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					STA						72E	72E/00					5	5					0	0				
	STA																													
	72E	72E/00																												
	5	5																												
	0	0																												
LDPE [g]	5	5																												
Printed paper [g]	0	0																												
Notes on disposal	Can be recycled																													

Materials [g]	Actuator	STA				
		72E	72E/00			
	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	0			
Metals	Non alloyed copper Cu	14	0			
	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.