



## *Environmental Product Declaration*

<b>Product</b>	Device type	<b>RTN81</b>	
	Designation	<b>Thermostatic actuator</b>	
	Product range	<b>Acvatix™</b>	
<b>Process control</b>	Siemens Switzerland Ltd Building Technologies Group Gubelstrasse 22, CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	<b>Dec. 12, 1997</b>	<b>BSI</b>
	ISO 9001 (quality)	<b>May 30, 1986</b>	<b>BSI</b>
<b>Product use</b>	Typical energy consumption per year	<b>Self-acting technology</b>	
	Maintenance	<b>Maintenance-free</b>	
	Environmental benefits	<b>See notes on page 2</b>	
<b>Environmental risk (fire)</b>	Fire protection as per	<b>Not applicable</b>	
	Fire load	<b>3,9 MJ</b>	
	Parts containing halogens (result in corrosive smoke)	<b>Not applicable</b>	
<b>Packaging</b>	Paperboard, cardboard boxes, paper	<b>Cardboard</b>	
	Notes on disposal	<b>Recyclable cardboard</b>	

<b>Materials</b>	total weight of device		227	<b>g</b>
Plastics		PBT 30 % GF	86	<b>g</b>
		ABS	40	<b>g</b>
		PES	0.5	<b>g</b>
Fluids	Ethyl acetate		13	<b>g</b>
Metals	brass / copper		27	<b>g</b>
	steel		60.5	<b>g</b>

### Disposal

Do not dispose the devices as part of unsorted municipal waste. Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible. Observe all local and applicable laws.

### Notes

**Environmental benefits:** The self-acting technology contributes to considerable heating energy savings in commercial as well as private applications. The heating bill is reduced by 15 to 20 %.

**When used in combination with radiator valves with a presetting device the hydraulic balancing of buildings can be optimised and so can flow temperature and pump pressure.**

**Due to the design of the valve , the valve has a long lifetime and is maintenance-free**

#### 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 Switzerland 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.