



## *Environmental Product Declaration*

<b>Product</b>	Type of equipment	<b>SUA21/1</b>	
	Designation	<b>Electromotoric actuator</b>	
	Product line	<b>Acvatix™</b>	
<b>Process control</b>	Beijing Siemens Cerberus Electronics Ltd.		
	Building Technologies Division		
	No.1, Feng Zhi East Road, Xi Bei Wang, Haidian District		
	100094, Beijing, China		
	Management system certified	since	by
	ISO 14001 (environment)	May 2005	SGS
	ISO 9001 (quality)	November 2006	LPCB
<b>Product use</b>	Typical energy consumption per year	5 kWh/a	
	Maintenance	Not necessary	
<b>Packaging</b>	Multi package box	20-PAP Corrugated fiber board	<b>410 g</b>
	Single package box	20-PAP Corrugated fiber board	<b>29 g</b>
	Notes on disposal	One-way, recyclable	
	Large volume shipment	Wooden pallet	<b>8000g</b>
	Notes on disposal	Multiple use, recyclable	

<b>Materials</b>	<b>SUA21/1</b>	Total weight of device	<b>304 g</b>
Plastics	PA66 GF 13	Motor stopper	<b>9 g</b>
		PCB stopper	<b>9 g</b>
		Cup nut	<b>4 g</b>
	POM	Cam	<b>2 g</b>
		Crank1	<b>2 g</b>
		Crank2	<b>3 g</b>
		Plunger	<b>5 g</b>
	PBT GF	Base	<b>38 g</b>
		Base cover	<b>41 g</b>
	PC	LED Lens	<b>1 g</b>
PA66	Cord clip	<b>1 g</b>	
Metals	Stainless steel	Spring	<b>4 g</b>
	Spring steel	Plate spring	<b>1 g</b>
Others	Cu/polyolefines	Cable	<b>59 g</b>
		Motor	<b>105 g</b>
	CEM1	Power PCB	<b>18 g</b>

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

<b>Special components</b>	Capacitors	<b>(3) g</b>
	Relays, contacts of precious metals	<b>(7) g</b>
	AgSnO2	<b>(7) g</b>

Weights of special components are already included in components declared under materials.

**Disposal**

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible.  
**Observe all local and applicable laws.**

## Comments

### Materials:

The device is free from substances banned by the Directive 2002/95/EC (RoHS): Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials Cd: < 0.01% by weight in homogeneous materials.

### Environmental Benefits:

The actuator reduces consumption of energy due to switch off in the end positions.

**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.  
 Beijing Siemens Cerberus Electronics 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.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.