



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	STP121 STP321 STP121.L20 STP321.L20 STP121.L50 STP321.L50	
	Product line, product range Thermal Actuator		
<b>Process control</b>	Siemens Schweiz AG Smart Infrastructure Theilerstrasse 1a 6300 Zug, Switzerland		
	Management System	since by	
	ISO 9001 (Quality)	22.07.1986 SQS	
	ISO 14001 (Environment)	20.10.1998 SQS	
	OHSAS 18001 (OH&S)	01.01.2011 SQS	
<b>Environmentally compatible product design</b>	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
<b>Product use</b>	Typical energy consumption	3kWh/a Duty cycle: 1600h/year (200 days; 16h/day; 3 cycles/h; 10 min duty cycle/cycle)	
	Maintenance	Not necessary	
<b>Risk of fire</b>	Fire protection according to	EN 60730	
	Fire load	2 ... 5MJ	
<b>Packaging</b>	21-PAP Non-corrugated fibreboard	Folding box	21g
	22-PAP Paper	Mounting instruction	5g
	Notes on disposal	One-way, recyclable	
<b>Materials</b>	Total weight of device	122 ... 298g	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	PA6; GF 30%; low-halogen	Hood	24g
	PA6; GF 30%; low-halogen	Sleeve lifting element	6g
	PA6; GF 30%; low-halogen	Lower housing	9g
	PA6; GF 30%; low-halogen	Nut M30x1,5	5g
	PA6; GF 30%; low-halogen	Fixing sleeve	4g
	PA6; GF 30%; low-halogen	Lifting tappet	2g
	PA6; GF 30%; low-halogen	latching disc	2g
	EPDM; GF 30%; low-halogen	Form seal	1g
	EPDM; GF 30%; low-halogen	O-ring ø8,73x1,78mm	1g

## Building Parts

Metals	CuSn; zinc plated	Contactplate NO	1g	
	CuZn	Expansion element housing	11g	
	steel CrNi	Expansion element tappet	2g	
	Steel	Pressure spring ø28,2x56,0mm	13g	
	Steel	Pressure spring ø12,3x18,0mm	2g	
	Steel	disc ø10 x ø13,5	1g	
	Ceramic; silver plated	PTC-element	2g	
	Others	CU/PVC	External electrical wire	44 ... 220g
			Grease IKV-Triboflon MYA 142 FG	1g

## Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste.  
Observe all local and applicable laws.

## Comments

### EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

### Regulation (EC) No. 1907/2006 (REACH)

The device contains the following substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, including those which will become known at a later date, are listed on the delivery note.

lead, CAS-Nr.7439-92-1

(Status according to the creation date of this document.)

The device is low-halogen with exception of:  
PVC cable

### Legal Disclaimer: This declaration is for information purpose 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 Schweiz AG 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.