



Environmental Product Declaration

Product	Type of equipment / Product No.	SUA21/3	Electromotoric actuator	
	Designation	Electromotoric actuator		
	Product line	AcvatixTM		
Process control	Beijing Siemens Cerberus Electronics Ltd. No.1, Feng Zhi East Road, Xi Bei Wang, Haidian District 100094, Beijing, China			
	Management System	since	by	
	ISO 14001 (Environment)	15.05.2015	SGS	
	ISO 9001 (Quality)	15.06.2015	SGS	
Product use	Typical energy consumption	5kWh/a		
	Maintenance	Not necessary		
Risk of fire	Fire protection according to	EN 60950		
	Fire load	4MJ		
Packaging	20-PAP Corrugated fiber board	multi package box	410g	
	20-PAP Corrugated fiber board	single package box	29g	
	22-PAP paper	user manual		
	Wooden Pallet	Large volume shipment	8,000g	
	Notes on disposal	recyclable		
Materials	Total weight of device			306g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
Plastics	PA66; GF 13%	motor stopper	9g	
	PA66; GF 13%	PCB stopper	9g	
	POM; GF 25%	Cam	2g	
	POM; GF 25%	crank1	2g	
	PBT	base	37g	
	PBT	base cover	40g	
	POM; GF 25%	crank2	3g	
	POM; GF 25%	plunger	6g	
	PA66; GF 33%	cup nut	5g	
	PA66	cord clip	1g	
Metals	Steel stainless	spring	4g	
	spring steel	plate spring	1g	
Others	Cu/polyolefines	Cable / Wire	41g	
		Motors	127g	
PCBAs (Printed Circuit Board assembled)	CEM1	power PCB	21g	
Special components (part of the assembled PCB)	Relays	AgSnO2	1pcs	(7g)
	Capacitors > 12 cm³		1pcs	(3g)

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

***Variant parts list**

	SUA21/3													
Total weight of device	[g]	306												
motor stopper		9												
PCB stopper		9												
Cam		2												
crank1		2												
base		37												
base cover		40												
crank2		3												
plunger		6												
cup nut		4												
cord clip		1												
spring		4												
plate spring		1												
Cable / Wire		41												
Motors		127												
power PCB		21												
Fire load	[MJ]	4												
Typical energy consumption	[kWh/a]	5												
Special components (part of the assembled PCB)														
Relays	[pcs]	1												
Capacitors > 12 cm³		1												
Packaging														
multi package box	[g]	410												
single package box		29												
user manual														
Large volume shipment		8,000												

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

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

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

"The device releases under normal or reasonably foreseeable conditions<name substances>

. The device complies with the requirements of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)."

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no 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.

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

Environmental benefits

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

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.

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.