EPD - Type II Based on ISO 14021

SIEMENS



Environmental Product Declaration

Product

Type of equipment / Product No.

SUA21/3

Electromotoric actuator

SUA21/3P

Electromotoric actuator
Electromotoric actuator

SUE21P SUE21

Electromotoric actuator

Product

Product line, product range Acvatix - valve and actautor

Process control

Beijing Siemens Cerberus Electronic Ltd.

Smart intrastructure Divison

No.1 Fengzhi East Road, Xi Bei Wang, HaiDian District, Beijing 100094, China

 Management System
 since
 by

 ISO 14001 (Environment)
 09.05.2005
 SGS

 ISO 9001 (Quality)
 14.06.2012
 LPCB

Environmentally compatible product design

Product use

Typical energy consumption

6kWh/a

Maintenance

Risk of fire

Fire protection according to

EN60950

Fire load

4MJ

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Packaging	20-PAP Corrugated fiber board 20-PAP Corrugated fiber board 22-PAP paper Wooden Pallet	multi package box single package box user manual Large volume shipment	410g 29g 8,000g
Madagiala	Notes on disposal	One-way, recyclable	200 207
Materials	Total weight of device	The total weight of a device may deviate from the total of the weights of all indivic	306 307g
Plastics	PA66	motor stopper	9g
	PA66	PCB stopper	9g
	POM	Cam	2g
	РОМ	crank1	2 3g
	PBT	base	37g
	PBT	base cover	40g
	РОМ	crank2	3 4g
	POM	plunger	6g
	PA66	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

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PCBAs (Printed Circuit Board assembled)

CEM1; solder SnPb

power PCB

21g

Special components (part of the assembled PCB)

Relays
Capacitors > 12 cm³

AgSnO2

1pcs 1pcs

Total weight of device
motor stopper
PCB stopper
Cam
crank1
base
base cover

*Variant parts list

	Weights in brackets are already included in components declared under materials. (part of the assembled PCB)					
	SUA21/3	SUA21/3P	SUE21P	SUE21		
[g]	306	306	307	307		
	9	9	9	9		
	9	9	9	9		
	2	2	2	2		
	2	2	2	2		
	37	37	37	37		
	40	40	40	40		

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crank2
0.02
plunger
cup nut
cord clip

spring plate spring

Cable / Wire Motors

power PCB

			Based on ISO 14021
3	3	3	3
6	6	6	6
4	4	4	4
1	1	1	1
4	4	4	4
1	1	1	1
41	41	41	41
127	127	127	127
21	21	21	21
21	21	21	21

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Fire load	[MJ]	4	4	4	4
Typical energy consumpt					
	[kWh/a]	6	6	6	6
Special components (pa	art of the				
Relays	[pcs]	1	1	1	1
Capacitors > 12 cm ³		1	1	1	1
	-				
	-				
	-				
D	L				
Packaging	[7]	410	410	410	410
multi package box single package box	[9]	29	29	29	29
user manual		29	29	29	29
Large volume shipment	-	8,000	8,000	8,000	8,000
Large volume simplificati		5,000	0,000	3,000	0,000
	-				
	L				

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, including the 4 phthalates added to Annex II in 2015.

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Regulation (EC) No. 1907/2006 (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. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

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

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 Electronic 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.

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