



Environmental Product Declaration

Product	Type of equipment / Product No.	SAZ31.00 SAZ61.03		
	Designation	SAZ3.. actuator 560N ; AC 230 V ; floating SAZ6.. actuator 560N ; AC/DC 24 V ; 0...10 V/4...20 mA All data valid for actuators series "A"		
	Product line	New Generation Acvatix		
Process control	Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH-6300 Zug			
	Management System	since	by	
	ISO 9001 (Quality)	22.07.1986	SQS	
	ISO 14001 (Environment)	20.10.1998	SQS	
Environmentally compatible product design	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 No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".			
Product use	Typical energy consumption	4kWh/a		
	Maintenance	Not necessary None		
Risk of fire	Fire protection according to	EN 60730-1 und UL 837		
	Fire load	16MJ		
Packaging	20-PAP Corrugated fiber board	Cardboard	variant	
	22-PAP paper	Label	variant	
	Notes on disposal	One-way, recyclable		

Materials	Total weight of device		1'772g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	PC+ABS FR (40); halogen-free	CablingCover,UpperHousing,etc.	variant
	PC+ABS ; halogen-free	Sleeve OS	variant
	PC+ABS GF20 FR (40); GF 20%; halogen-free	HandWheel	variant
	POM; halogen-free	Div.parts	variant
	PC FR; halogen-free	PosIndicatorCover	variant
	PC GF10; GF 10%; halogen-free	U-boltClamp_LS	variant
	PA6T/66 CF30+Z; CF+Z 30%; halogenated	Nut_LS20_HL, LowerCentralShaft_Plastic_HT	variant
	NBR; halogen-free	O-Ring_OS_LS	variant
	TPE; halogen-free	CablingCover	variant
	PEEK; halogen-free	Gear_45, LowerCentralShaft_HT_LA	variant
	PA66+PA6 GF30; GF 30%; halogen-free	UpperCentralShaft	variant
	PC+ABS GF20 FR; GF 20%; halogen-free	LowerGearBoxPlatine_2	variant
	Metals	Al alloy	LowerHousing
Steel; galvanized		div. Screws	variant
Steel >5% alloyed		SpindleSystem_LS, Gears	variant
Others	Steel, Copper, PCB	Motor	variant
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCBA	variant

***Variant parts list**

	[g]	SAZ31.00	SAZ61.03	
Total weight of device		1'772	1'772	
HandWheel		168	168	
Div.parts		45	45	
Nut_LS20_HL, LowerCentralShaf		37	37	
Gear_45, LowerCentralShaft_HT		5	5	
LowerGearBoxPlatine_2		49	49	
SpindleSystem_LS, Gears		176	176	

Packaging

	[g]	93	93	
Cardboard				

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)

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.)

The device is free from substances which interfere with lacquer wetting.

The device is halogen-free with exception of:

PCB (TBBA); Nut_LS20_HL; LowerCentralShaft_Plastic_HT

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.