



Environmental Product Declaration

Product	Type of equipment / Product No.	SAX31.00 / SAX31.03 / SAX319.00 / SAX319.03 SAX81.00 / SAX81.03 / SAX81.03U SAX61.03 / SAX619.03 / SAX61.03U SAX31P03 / SAX81P03 / SAX61P03 SAY31P03 / SAY81P03 / SAY61P03 SAY61.03U / SAY81.03U		
	Designation	SAX3.. actuator 800N ; AC 230 V ; floating SAX8.. actuator 800N ; AC/DC 24 V ; floating SAX6.. actuator 800N ; AC/DC 24 V ; 0...10 V/4...20 mA All data valid for actuators series "H" SAY3.. actuator 250N ; AC 230 V ; floating SAY8.. actuator 250N ; AC/DC 24 V ; floating SAY6.. actuator 250N ; AC/DC 24 V ; 0...10 V/4...20 mA All data valid for actuators series "A" SAX8..U actuator 800N ; AC/DC 24 V ; floating SAX6..U actuator 800N ; AC/DC 24 V ; 0...10 V/4...20 mA All data valid for actuators series "H"		
	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	93g	
	22-PAP paper	Label	1g	
	Notes on disposal	One-way, recyclable		
Materials	Total weight of device	variant *) see below		
	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.	170g	
	PC+ABS ; halogen-free	Sleeve OS	26g	

	PC+ABS GF20 FR (40); GF 20%; halogen-free	HandWheel	169g
	POM; halogen-free	Div.parts	variant
	PC FR; halogen-free	PosIndicatorCover	34g
	PC GF10; GF 10%; halogen-free	U-boltClamp_LS	14g
	PA6T/66 CF30+Z; CF+Z 30%; halogenated	Nut_LS20_HL, LowerCentralShaft_Plastic_HT	variant
	NBR; halogen-free	O-Ring_OS_LS	2g
	TPE; halogen-free	CablingCover	4g
	PEEK; halogen-free	Gear_45, LowerCentralShaft_HT_LA	variant
	PA66+PA6 GF30; GF 30%; halogen-free	UpperCentralShaft	13g
	PC+ABS GF20 FR; GF 20%; halogen-free	LowerGearBoxPlatine_2	49g
Metals	Al alloy	LowerHousing	622g
	Steel; galvanized	div. Screws	279g
	Steel >5% alloyed	SpindleSystem_LS, Gears	variant
Others	Steel, Copper, PCB	Motor	78g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCBA	53g

***Variant parts list**

	[g] SAXxx.0x	SAYxx.03..	SAX..03U
Total weight of device	1'772	1'772	1'824
HandWheel	168	168	168
Div.parts	45	45	50
Nut_LS20_HL, LowerCentralShaf	37	37	19
Gear_45, LowerCentralShaft_HT_	5	5	10
LowerGearBoxPlatine_2	49	49	49
SpindleSystem_LS, Gears	176	176	236

Packaging

Cardboard	[g] 93	93	93
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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.