



Environmental Product Declaration

Product	Type of equipment / Product No.	SAV31.00; SAV31P00 SAV81.00; SAP81.00U; SAV81P00 SAV61.00; SAV61.00U; SAV61P00		
	Designation	SAV3.. actuator 1600N ; AC 230 V ; floating SAV8.. actuator 1600N ; AC/DC 24 V ; floating SAV6.. actuator 1600N ; AC/DC 24 V ; 0...10 V/4...20 mA		
	Product line	New Generation Acvatix		
	Process control	Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH-6300 Zug		
	Management System	since	by	
	ISO 14001 (Environment)	20.10.1998	SQS	
	ISO 9001 (Quality)	22.07.1986	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 never		
Risk of fire	Fire protection according to	EN 60730 & UL 873		
	Fire load	14MJ		
Packaging	20-PAP Corrugated fiber board	Carton Box	102g	
	22-PAP paper	Packing Label	1g	
	Notes on disposal	One-way, recyclable		
Materials	Total weight of device	1'889g		
	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 GF20 FR(40); GF 20%; halogen-free	HandWheel,ReturnSpringCage	218g	
	PC+ABS; halogen-free	Sleeve_OS_LS40	38g	
	POM; halogen-free	Several parts	51g	
	PC FR; halogen-free	PosIndicatorCover	34g	
	PC GF10; GF 10%; halogen-free	U-boltClamp_LS	14g	
	NBR 70; halogen-free	O-Ring_OS_LS	2g	
	TPE; halogen-free	CablingCover	4g	
	PEEK; halogen-free	LowerCentralShaft	11g	
	PA6T/66 CF30+Z; CF+Z 30%; halogenated	Nut_LS40	20g	
	PA66+PA6 GF30; GF 30%; halogen-free	UpperCentralShaft_LA	13g	
	Metals	Al alloy	LowerHousing	674g

	Steel; galvanized	div. Screws; FixationPlate; StemCoupling	247g
	Steel >5% alloyed	Nut_LS40 ; OverloadSpring ; Spindle_LS40	268g
Others	Steel , Cooper , PCB	Motors	78g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCBA	53g

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. The relevant national legal rules are to be adhered too. 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.

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_LS40 (PTFE)

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.