



Environmental Product Declaration

Product

Type of equipment / Product No.	SAV31.00; SAV31P00 SAV81.00; SAV81.00U; SAV81P00 SAV61.00; SAV61.00U; SAV61P00 SAV61.00/HR
Designation	SAV3.. Actuator 1600N; 40mm; 3P/AC230V SAV8.. Actuator 1600N; 40mm; 3P/AC/DC24V SAV6.. Actuator 1600N; 40mm; 0..10V/4..20mA/AC/DC24V All data valid for actuators series "B" SAV61P00 Actuator 1600N; 40mm; 0..10V/4..20mA/AC/DC24V All data valid for actuators series "C"
Product line, product range	New Generation Acvatix

Process control

Siemens Schweiz AG Building Technologies Division Theilerstrasse 1a CH-6300 Zug			
Management System	since	by	
ISO 9001 (Qualität)	22.07.1986	SQS	
ISO 14001 (Umwelt)	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 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Product use

Typical energy consumption	4kWh/a
Maintenance	Not necessary

Risk of fire

Fire protection according to	EN 60730-1 & UL 837
Fire load	variant *) see below

Packaging

20-PAP Corrugated fiber board	Cardboard	variant
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 GF20 FR(40); GF 20%; halogen-free	HandWheel,ReturnSpringCage 218g
	PC+ABS; halogen-free	Sleeve_OS_LS40 38g
	POM; halogen-free	Div.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
	PA6; halogen-free	Cable Gland M16 variant
	PA6; halogen-free	Cable Gland M20 variant
	Al alloy	LowerHousing 674g
Metals	Steel; galvanized	div. Screws; FixationPlate; StemCoupling 247g
	Steel >5% alloyed	Nut_LS40 ; OverloadSpring ; Spindle_LS40 268g
Others	Steel, Copper, PCB	Motor 78g
	PVC	PVC Cable Power variant
	Grease with PTFE	Lubricant 1g
	FR4; TBBA; solder SnAgCu	PCBA 53g
PCBAs (Printed Circuit Board assembled)		

*Variant parts list

Total weight of device

Cable Gland M16

Cable Gland M20

PVC Cable Power

Fire load

Packaging

Cardboard

	SAVxx.xxx	SAV61.00/HR										
[g]	1'890	2'035										
		8										
		25										
		112										
[MJ]	14	18										
[g]	102	291										

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. 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 halogen-free with exception of:
PCB (TBBA); Nut Spindlesystem_LS40_HL; PVC Cable Power; Lubricant (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.

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07.01.2019