



Environmental Product Declaration

Product	Type of equipment / Product No.	SFAx1/18, SFPx1/18, SFAx1UG, SFPx1UG		
	Designation	Zone Valve Actuator		
	Product line	Acvatix TM		
Process control	Siemens Ltd. Seoul Building Technologies Division 343-1, Gunha-Ri, Wolgot-Myun Korea, Gimpo-Shi, Kyounggi-Do			
	Management System	since	by	
	ISO 9001 (Quality)	12.09.2003	CI	
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 Siemens Standard SN 36350 "Environmentally compatible products".			
Product use	Typical energy consumption	32kWh/a		
	Maintenance	no need		
Risk of fire	Fire protection according to	EN 60730-1		
	Fire load	6MJ		
Packaging	20-PAP Corrugated fiber board	Folded box	72g	
	Notes on disposal	recyclable		
Materials	Total weight of device	636g		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
Plastics	PBT; halogen-free	Body	75g	
	PBT; halogen-free	Cover	40g	
	PC; halogen-free	Handmanoeuvre	6g	
Others		Motors	263g	
PCBAs (Printed Circuit Board assembled)				
Special components (part of the assembled PCB)	Ribbon cable, 5 cm	PVC / Cu	1pcs	(5g)

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

***Variant parts list**

	SFA21/18	SFA71/18	SFP21/18	SFP71/18	SFA11UG	SFA71UG	SFP11UG	SFP71UG				
Total weight of device [g]	636	636	636	636	636	636	636	636				
Cover	40	40	40	40	40	40	40	40				
Handmanoeuvre	6	6	6	6	6	6	6	6				

Disposal

The device must 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 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:
Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials
Cd: <0.01% by weight in homogeneous materials

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

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 Ltd. Seoul 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.