



Environmental Product Declaration

Product	Type of equipment / Product No.	GVDx21.1U	Damper Actuator 23 Nm
		GVDx26.1U	Damper Actuator 23 Nm (Switches)
		GKDx21.1U	Damper Actuator 9 Nm
		GKDx26.1U	Damper Actuator 9 Nm (Switches)
		GXVDx21.1U	Damper Actuator 23 Nm Drive, 11.3 Return
		GXVDx26.1U	Damper Actuator 23 Nm Drive, 11.3 Return (Switches)
Product	Type of equipment / Product No.		
	Designation Product line	Open Air Grow Fire & Smoke	
Process control	Siemens BT Building Technologies Division 1000 Deerfield Pkwy Buffalo Grove, IL 60089		
	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	31kWh/a	
	Maintenance	Not necessary None	
Risk of fire	Fire protection according to Fire load	EN 60730 & UL 60730 variant *) see below	
Packaging	20-PAP Corrugated fiber board	Cardboard	209g
	22-PAP paper	Label	1g
	22-PAP paper	Installation Instruction	16g
	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	Valox 420 SEO; GF 30%; halogen-free	Upper Housing	211g
	PA66 AF10; AF 10%; halogen-free	Bearing Rings	8g
	Valox 420 SEO; GF 30%; halogen-free	Lower Housing	211g

Metals	FL-5305-120HT Sinter Hardened Steel	Segment & Gears, Shaft Adaptor Jaws	478g
	Steel	Maximo Spring	487g
	360 Aluminum;	Upper and Lower Plates	577g
	Bronze	PM bearings	25g
	Zn alloy	Shaft Adapt, hub	489g
Others	Steel, Copper	Motor	82g
	PVC / Copper	Switches and PVC Cable	variant
	PVC / Copper	Transformer	669g
	Grease with PTFE	Grease Kluebersynth LI44-22	2g
	Grease	Grease Kluebersynth BLR 46-122	1g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCBA w/o Motor	57g

***Variant parts list**

	[g]	GVDx21.1U	GVDx26.1U	GKDx21.1U	GKDx26.1U	GXVDx21.1U	GXVDx26.1U						
Total weight of device		3,669	3,720	3,669	3,720	3,669	3,720						
Upper Housing		211	211	211	211	211	211						
Bearing Rings		8	8	8	8	8	8						
Maximo Spring		487	487	487	487	487	487						
Switches and PVC Cable			51		51		51						
Transformer		669	669	669	669	669	669						
Grease Kluebersynth LI44-22		1	1	1	1	1	1						
PCBA w/o Motor		57	57	57	57	57	57						
Fire load	[MJ]	27	28	27	28	27	28						
Typical energy consumption	[kWh/a]	31	31	31	31	31	31						

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.

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 BT 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.

A5W0002753

08.08.2022