



Environmental Product Declaration

Product	Type of equipment / Product No.	GDxxx.1x/xx; 6FU11xx-xDxxx-xxxx(lowest fire load) Damper Actuator; 5Nm GLBxxx.1x/xx; 6FU11xx-xLBxx-xxxx(highest fire load) Damper Actuator; 10Nm	
	Product line	Damper Actuator Baby GAP MK3 / OpenAirTM	
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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	variant *) see below Energy consumption is between 0.6 and 7 kWh/a (depending mainly on running time of the actuator)	
	Maintenance	Not necessary None	
Risk of fire	Fire protection according to	EN 60730 & UL 60730	
	Fire load	variant *) see below	
Packaging	20-PAP Corrugated fiber board	Cardboard & Paper	variant
	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	POM; halogen-free	Various Gears, Indicator	variant
	PC; halogen-free	Cover	variant
	PC; GF 10%; halogen-free	Housing & Various Mech. Parts	variant
	ABS; halogen-free	Various Mechanical Parts	2g
	PA66; AF 20%; halogen-free	Various Gears	variant
	PA66; halogen-free	Gear Wheel 3	7g
	POM; GF 25%; halogen-free	CW/CCW Switch	variant
	EPDM+PP (TPV); halogen-free	Various Sealing Parts	1g
	POM; GF 26%; halogen-free	Rotary Knob	variant
	Metals	Steel; zinc plated	Gear Plate, Square Nut, Socket Head Screw
Steel		Axles, Plate Spring	6g
CuZn		Hexagon Nut	1g

	Sintered Steel	Various Gears	variant
	Steel stainless	Pin Torque Blade	2g
Others	Steel, Copper, PCB	Motors	variant
	PVC	PVC Cable Switch	variant
	PVC	PVC Cable Power	variant
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCBA	variant

***Variant parts list**

	[g]	GDxxxx.1x/xx; 6FU11xx-xDxxx-xxxx (lowest fire load)	GLBxxx.1x/xx; 6FU11xx-xLBxx-xxxx (highest fire load)											
Total weight of device		561	715											
Various Gears, Indicator		15	24											
Cover		46	45											
Housing & Various Mech. Parts		67	81											
Various Gears		2	4											
CW/CCW Switch		0												
Rotary Knob			0											
Various Gears		81	87											
Motors		31	32											
PVC Cable Switch			110											
PVC Cable Power		67	76											
PCBA		28	32											
Fire load	[MJ]	6	10											
Typical energy consumption	[kWh/a]	2	7											
Packaging														
Cardboard & Paper	[g]	39	66											

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:

PVC cable; PCB (TBBA)

Further notes and comments:

SPECIAL COMPONENTS:

PVC POWER CABLE: 1.5m => +35g / 2.5m => +105g / 5m => +280g

PVC OPT. POTENTIOMETER CABLE: 1.5m => +35g / 2.5m => +105g / 5m => +280g

PVC SWITCHES CABLE: 1.5m => +50g / 2.5m => +150g / 5m => +400g

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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