



Environmental Product Declaration

Product	Type of equipment	GBBxxx.xA/xx ... GBBxxx.xX/xx GIBxxx.xA/xx ... GIBxxx.xX/xx	
	Designation	Damper Actuator	
	Product line	OpenAir™	
Process control	Siemens Switzerland Ltd. Gubelstrasse 22 6301 Zug		
	Management System	since	by
	ISO 14001 (Environment)	20.10.1998	BSI
	ISO 9001 (Quality)	22.07.1986	BSI
Product use	Typical energy consumption per year	4 ... 7 kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN60730 & UL873	
	Fire load	5 ... 9 MJ *)	
Packaging	21-PAP Fiber board	Cardboard & Paper	116 g
	Notes on disposal	One-way, recyclable	

***) max. 26 MJ (aux. Switches types with 5 m cables)**

Materials		Total weight device	1522 ... 1910 g	
Plastics	POM	Various Plastic parts	20 ... 34 g	
	PC GF 10	Various Plastic parts	46 ... 61 g	
	PBT	PCB SUPPORT	26 g	
	ABS+PC	SPACER PIECE	5 g	
	PA66 R+PTFE 12	GEAR WHEEL 9 SR MK2	4 g	
Metals	Aluminum	housings, heat transfer bolt	739 .. 750 g	
	AlZn	hub+springcore	8 ... 290 g	
	Steel	various steelparts	449 ... 571 g	
Others	Steel, Copper	Motor	213 g	
	PVC	PVC Cables	74 ... 207 g	
	Fe-Co-V-Alloy	Hysteresis ring	1 ... 3 g	
	Copper, Plastic	Potentiometer	0 ... 5 g	
	Copper, Plastic	Microswitch	0 ... 5 g	
PCB assembled	CEM1	SnAgCu	PCB ASSY	10 ... 55 g

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

Materials

The device is free from substances banned by the Directive 2002/95/EC (RoHS):

Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials

Cd: < 0.01 % by weight in homogeneous materials

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

Environmental benefits

HIGH TORQUE / FORCE AT SMALL SIZE AND WEIGHT!

LOW POWER CONSUMPTION: 5...8VA

EASILY DEMOUNTABLE

Emissions

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.