



## *Environmental Product Declaration*

<b>Product</b>	Type of equipment	GDBxxx.xA/xx ... GDBxxx.xX/xx GLBxxx.xA/xx ... GLBxxx.xX/xx GDExxx.xA/xx ... GDExxx.xX/xx GSFxxx.xA/xx ... GSFxxx.xX/xx	
	Designation	Damper Actuator	
	Product line	OpenAir™	
<b>Process control</b>	Siemens Switzerland Ltd. Gubelstrasse 22 6301 Zug		
	Management System	since	by
	ISO 14001 (Environment) ISO 9001 (Quality)	20.10.1998 22.07.1986	BSI BSI
<b>Product use</b>	Typical energy consumption per year	2...26 kWh/a	
	Maintenance	Not necessary	
<b>Risk of fire</b>	Fire protection according to	EN60730 & UL873	
	Fire load	7...9 MJ	
<b>Packaging</b>	20-PAP Corrugated fiber board	Cardboard & Paper	56 g
	Notes on disposal	One-way, recyclable	

<b>Materials</b>		Total weight device	<b>479...726g</b>
Plastics	POM	Various Mechanical Parts	<b>5...35 g</b>
	ABS+PC GF 10	Housing	<b>67...86 g</b>
	ABS	Cover	<b>45 g</b>
	PA66 GF 30	Various Mechanical Parts	<b>0...12 g</b>
	PA	Various Mechanical Parts	<b>0...4 g</b>
	PUR	Various Mechanical Parts	<b>1...2 g</b>
	PA66 RF 20	Various Mechanical Parts	<b>11...13 g</b>
	PA6 GF30	Various Mechanical Parts	<b>0...6 g</b>
	Q Silicone rubber	Various Mechanical Parts	<b>0...2 g</b>
	PC GF 10	Various Mechanical Parts	<b>0...1 g</b>
Metals	Steel	Various Steel Parts	<b>191...222 g</b>
Others	PVC	PVC Cable	<b>70...175 g</b>
	Steel / Copper	Synchronous Motor / Magnet	<b>83 g</b>
PCB assembled	FR4 / CEM1	SnAgCu	3P Types <b>6 g</b>
	FR4 / CEM1	SnAgCu	0...10V <b>26 g</b>
	FR4 / CEM1	SnAgCu	VAV MK2 <b>25 g</b>
	FR4 / CEM1	SnAgCu	VAV Comm- Version <b>36 g</b>

#### **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: 2...3VA  
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 Switzerland Ltd 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.