

SIEMENS**Building Technologies**

Environmental Product Declaration

Product

Type of equipment	ASV181.1E/3
Designation	VAV Modular Controller
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	0.88 kWh/a
Maintenance	Not necessary
	na

Risk of fire

Fire protection according to	EN60730 & UL873
Fire load	7.0 MJ

Packaging

20-PAP Corrugated fiber board	Carton Box	Cardboard & Paper	51 g
22-PAP paper	Mounting instruction		11 g

Notes on disposal	One-way, recyclable
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Materials		Total weight device		278 g
Plastics	ABS GF 17	halogen-free	Housing	51 g
	ABS	halogen-free	Cover	41 g
	PA66 GF 30	halogen-free	Connection part	4 g
	PA6 GF 30	halogen-free	Sensor coupling	2 g
	POM	halogen-free	Strain relief	3 g
	PS	halogen-free	Tubes	3 g
	NBR		O-rings	0 g
	PC GF 10		Cover PPS	0 g
	PA66 GF 30		Housing sensor	6 g
Metals	Steel	zinc plated	Screws	15 g
Others	PVC	Cable & connector	PVC cable assy	117 g
	PVC	Cable & connector	PVC cable assy	13 g
PCB assembled	FR4 / CEM3	halogen-free SnAgCu	PCB assembled	24 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

Environmental benefits

Low power consumption

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.