



Environmental product declaration

Product

Device type	QAX84.1/PPS2
Designation	Room unit for flush mounting
Range	DESIGO RX

Process control

Siemens Switzerland Ltd Industry Sector Building Technologies Division Gubelstrasse 22, CH-6301 Zug		
Management system certified	Since:	By:
ISO 14001 (Environment)	20 Oct 1998	BSI
ISO 9001 (Quality)	22 Jul 1986	BSI

Product use

Typical energy consumption per year	Approx. 0.7 kWh
Maintenance	None
Environmental benefits	See notes on page 2

Environmental risk (fire)

Fire protection as per	Not relevant
Fire load	Approx. 1.55 MJ
Parts containing halogens (producing corrosive smoke)	Circuit boards with components

Packaging

Paperboard, cardboard boxes, paper	Folding carton with padding 38 g
Notes on disposal	Can be recycled Can be cleanly separated for disposal

Materials		Total weight of device	94g
Plastics	FS PA6 GB20 GF10; fiberglass 10%	Housing base, complete	6 g
	PC; fiberglass-free	4 keys	2 g
	ASA+PC; fiberglass-free	Front	5 g
	Q (silicone rubber); fiberglass-free	Pressure-sensitive mat	1 g
	PMMA; fiberglass-free	Front screen	6 g
	FS SN 65245-ASA; fiberglass-free	Frame	9 g
	PA6-GF30; fiberglass 30%	Housing	8 g
	PA6-GF30; fiberglass 30%	Cover	2 g
	ASA	Bezel	10 g
Metals	Copper, ECU 58, degreased	Copper platelet	1 g
	EN 10143-1,0 steel, galvanized	Mounting plate	20 g
	DIN 59381-1.4310 K1+A-0,4	Terminal spring	1 g
Circuit boards with components	FR4; SnAgCu solder	Operator unit circuit board	17 g
	FR4; SnAgCu solder	Bus coupling unit circuit board	7 g
Special components	LCD, 13.6 cm2, unlit	On printed circuit board	(9 g)

Weights in brackets are already included in components declared under materials.

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and should not be disposed of as unsorted municipal waste.
The relevant national legal rules are to be adhered to.
Regarding disposal, use the systems setup for collecting electronic waste.
Observe all local and applicable laws.

Comments

Materials:

The devices are 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

The devices are antimony-free

The devices are halogen-free except for the PCBs

Environmental Benefits:

- Individual adjustment of the room temperature.
- Minimum consumption of electricity.
- Common 2-lead cable for supply and communication.

Legal disclaimer: This declaration is for information purposes 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.