



Environmental Product Declaration

Product	Device type / Designation	QAX903	Central Apartment Unit
		QAX910-1/124	Central Apartment Unit
		QAX910, QAX913	Central Apartment Unit
	Product line	Synco living	
Process control	Siemens Switzerland Ltd Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
	Management System certified	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 Siemens Standard SN 36350 "Environmentally compatible products".		
Product use	Typical energy consumption	44 kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN 60730-1	
	Fire load	15 MJ	
Packaging	20-PAP cardboard	Folded box	44 g
	PE lightweight foam	Inlay	6 g
	Notes on disposal	One-way, recyclable	

Materials		Total weight of device	Var.-table*/ g
Plastics	ASA+PC	Housing, upper part	Var.-table*/ g
	ASA+PC	Disk	55 g
	ASA+PC	Housing, lower part	103 g
	ASA+PC	Cover	94 g
	ASA+PC	Frame Universal buttons	9 g
	ASA+PC	Mode button	3 g
	ASA+PC	Universal buttons	Var.-table*/ g
	ASA+PC	Arrow buttons	3 g
	ASA+PC	Menu/ok button	3 g
	PC	Light conductors LCD	14 g
Metals	Steel, zinc plated	Screws	5 g
Others	PA6.6 nickel plated	Terminal strips, 2 poles	5 g
	PA6.6 nickel plated	Terminal strips, 4 poles	5 g
Assembled PCB	FR4 / CEM3; halogenated; solder SnAgCu	PCBA	Var.-table*/ g
Special components	Powermodul	Printed circuit board	(31 g)
	Relais	AgSnO2	(9 g)

Weights in brackets are already included in components declared under materials (part of the assembled PCB).

*) Variants table		QAX903	QAX910 - 1/124	QAX910, QAX913
Total weight of device	[g]	523	529	529
Housing, upper part	[g]	65	59	59
Universal buttons	[g]		7	7
PCBA	[g]	141	145	145

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and must 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

EU-directive 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU: Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials and Cd: <0.01% by weight in homogeneous materials.

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, Authorization and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.
(Status according to the creation date of this document.)

Environmental benefits

Lower heating energy consumption (fuel oil, gas, electricity) thanks to efficient room temperature control. Radio technology also makes possible efficient individual room control in old apartment blocks and is suited for renovation and upgrading projects.

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 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.