



Environmental Product Declaration

Product	Type of equipment / Designation	RRV912 Heating Circuit Controller RRV918 Heating Circuit Controller RRV934 Multicontroller WRI982 Consumption Data Interface
	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	Variants table *)
	Maintenance	Not necessary
Risk of fire	Fire protection according to	EN 60730, (EN 60950)
	Fire load	8 - 13 MJ
Packaging	20-PAP cardboard	Folded boxes 45 – 54 g
	Notes on disposal	One-way, recyclable

Materials		Total weight of device	Var. table*/ g
Plastics	ABS+PC	Housing, lower part	Var. table*/ g
	ABS+PC	Housing, upper part	Var. table*/ g
	ABS+PC	Terminal cover	Var. table*/ g
	PC	Light conductors	Var. table*/ g
	ABS+PC	Button tappet	Var. table*/ g
Others		Terminal strips, 2 poles	Var. table*/ g
Assembled PCB	FR4 / CEM3, SnAgCu	Printed circuit board assembly	Var. table*/ g
Special components	Epoxy resin	Transformer	(137 g)
	AgSnO2	Relays	Var. table*/ g

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

*) Variants table

		RRV912	RRV918	RRV934	WRI982
Total weight	[g]	438	565	561	334
Housing, lower part	[g]	61	79	84	43
Housing, upper part	[g]	75	98	100	54
Terminal cover	[g]	29	40	39	21
Light conductors	[g]	3	4	5	3
Button tappet	[g]	2	2	1	1
Terminal strips, 2 poles	[g]	29	45	53	21
Assembled PCB	[g]	238	296	277	190
Special comp. (part of the relays)	[g]	2	1	5	
Typical energy consumption	[kWh/a]	62	62	62	31

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

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.