



Environmental Product Declaration

Product	Type of equipment / Product No.	RDF510	Room Thermostat
		RDF510/BP	Room Thermostat
		RDF530	Room Thermostat
		RDF530/BP	Room Thermostat
		RDD510/BP	Room Thermostat
	Product line, product range RAC		
Process control	BSCE		
	1, Fengzhi East Road, Xibeiwang, Haidian District 100094, BEIJING / China		
	Management System	since	by
	ISO 9001 (Quality)	06.01.2001	LPCB
	ISO 14001 (Environment)	05.07.2005	SGS
	OHSAS 18001 (OH&S)	12.12.2011	SGS
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 with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
Product use	Typical energy consumption	53kWh/a	
	Maintenance	Not necessary	
		Not necessary	
Risk of fire	Fire protection according to	EN 60730-1	
	Fire load	4MJ	
Packaging	Corrugated fiber board	GiftBox	variant
	60GSM Paper	Manual	4g
	Corrugated fiber board	Staple Pad	variant
	Corrugated fiber board	Carton Box	245g
	Corrugated fiber board	Long Divider	variant
	Corrugated fiber board	Short Divider	variant
	Corrugated fiber board	CardBoard-1	variant
	Notes on disposal	One-way, recyclable	
Materials	Total weight of device	115g	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
	Plastics	ABS; halogenated	Front Housing
	ABS; halogenated	Rear Housing	20g
			20g

	ABS; halogen-free	Mounting Plate	20g
	PC; halogen-free	LCD_Lens	16g
	Q Silicone rubber; halogen-free	Keypad	3g
	PET; halogen-free	Insulating sheet	1g
	PET; halogen-free	Protecting Film II	1g
	PE; halogen-free	PE Bag	3g
Metals	SWRCH 1018AK; zinc plated	PCB Screw	1g
Others	LCD 66.5X53.5X2mm Glass-Thickness=2mm. Polariz LCD < 100 cm ²		14g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	PCB board PCB for RDF510	variant
	FR4; halogenated; solder SnAgCu	PCB board PCB for RDF530	variant

***Variant parts list**

	RDF510	RDF510/BP	RDF530	RDF530/BP	RDD510/BP						
[g]	19	19			19						
PCB board PCB for RDF510											
PCB board PCB for RDF530			19	19							

Packaging

[g]	22		22								
GiftBox											
Staple Pad	15	19	15	19	19						
Long Divider		13		13	13						
Short Divider		10		10	10						
CardBoard-1	409	400	409	400	400						

Disposal

The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

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, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(Status according to the creation date of this document.)

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.
 BSCE 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.