



Environmental Product Declaration

Product	Type of equipment / Product No.	S55770-T523 S55770-T525		
	Designation	Room Thermostats		
	Product line, Product range	Room Thermostats RDL		
Process control	Beijing Siemens Cerberus Electronics Ltd. 1, Fengzhi East Road, Xibeiwang, Haidian District 100094, BEIJING / China			
	Management System	since	by	
	ISO 9001 (Quality)	01-June-2001	LPCB	
	ISO 14001 (Environment)	07-May-2005	SGS	
	OHSAS 18001 (OH&S)	12-December-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	2.628 ... 43.800kWh/a Calculation: Connection power [W] x 24[h/d] x 365 [d/a] x Operational activity [-] / 1000 [W/kW] = [kWh/a]		
	Maintenance	Change of batteries for RDL211RF.ST/RDL131RF.ST, About after 10'000 h for RDL211RF.ST/RDL131RF.ST,		
Risk of fire	Fire protection according to	EN 60730-1		
	Fire load	3 ... 5MJ		
Packaging	22-PAP Paper	Mounting Instruction	0 ... 8g	
	22-PAP Paper	regulation	0 ... 8g	
	20-PAP Corrugated fibreboard	Padding	0 ... 7g	
	21-PAP Non-corrugated fibreboard	Pulp Tray	0 ... 74g	
	Notes on disposal	One-way, recyclable		
Materials	Total weight of device	108 ... 232g The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
	Plastics	PC; low-halogen	Front Housing (THS)	0 ... 33g
		PC; low-halogen	Back Housing (THS)	0 ... 28g
		PC; low-halogen	Battery Cover (THS)	0 ... 6g
		PC; low-halogen	Mounting plate (THS)	0 ... 24g
Metals	Steel stainless	Battey piece with Spring	variant	
	Steel <=5% alloyed; zinc plated	screw and nut	1g	
	NdFeB; nickel plated	magnet	variant	
Others	Glass	Eink+Glass LENS+Glue	0 ... 28g	
	Alkaline (alkali manganese, nickel-zinc)	1st battery / accumulator	0 ... 49g	
	PA66+SUS	Terminal	2 ... 12g	
	copper+NHFR-XLPE	Battery Wire	0 ... 2g	

Smart Infrastructure
Building Products

PCBAs (Printed Circuit Board
assembled)

FR4; halogenated; solder SnAgCu
FR4; halogenated; solder SnAgCu

PCBA (Thermostat)
PCBA (RECEIVER)

0 ... 21g
0 ... 52g

Disposal



The symbol or any other national label indicates the product, its packaging and where applicable, any removed batteries may not be disposed as part of normal waste. Delete any personal data and dispose of the item via separate collection and recycling facilities in accordance with local and national regulations. For additional details, refer to www.siemens.com/bt/disposal.

For country-specific requirements regarding further disposal information:
<http://www.siemens.com/download?A6V13734633>

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)

The device contains the following substances of the candidate list meeting the criteria laid down in Article 57 of Regulation (EC) 1907/2006 and identified in accordance with Article 59(1) of EU REACH concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, including those which will become known at a later date, are listed on the delivery note.
Lead, CAS-Nr.7439-92-1

(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.
Beijing Siemens Cerberus Electronics 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.