



## Environmental Product Declaration

<b>Product</b>	Type of equipment /	RDG110U	Room thermostat
	Product No.	RDG160TU	Room thermostat
		RDG160T	Room thermostat
	Product line	RDG	
<b>Process control</b>	Siemens Switzerland Ltd Gubelstrasse 22 Zug 6300 Switzerland		
<b>Environmentally compatible product design</b>	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 No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
<b>Product use</b>	Typical energy consumption	variant *) see below	
	Maintenance	Not necessary	
<b>Risk of fire</b>	Fire protection according to	EN 60730	
	Fire load	6MJ	
<b>Packaging</b>	20-PAP Corrugated fiber board	single unit in folded box	42g
	20-PAP Corrugated fiber board	inner paper box	36g
	Notes on disposal	One-way, recyclable	
<b>Materials</b>	Total weight of device	variant *) see below	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	PC; halogenated	Clear lens	31g
	ABS; halogen-free	Top housing	17g
	ABS; halogen-free	Bottom housing	38g
	PC; halogen-free	Mounting frame	19g
	ABS; halogen-free	Rotary knob	5g
Metals	CuZn; Tin plated	Terminals pins 14pcs	22g
	Steel <=5% alloyed; galvanized	Screws 5 pcs	3g
	Al	Heat sink	variant
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCB assembly	variant
	Special components (part of the assembled PCB)	Relays	AgNi variant (22g)

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

**\*Variant parts list**

	RDG110U	RDG160TU	RDG160T								
[g]											
Total weight of device	262	239	239								
Heat sink	4										

PCB assembly	123	104	104											
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Typical energy consumption														
[kWh/a]	14	11	11											

Special components (part of ti														
Relays	[pcs]	5	3	3										

**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. The relevant national legal rules are to be adhered too. 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.

**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.

(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.

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.