



Environmental Product Declaration

Product	Type of equipment /	RDG160KN	Room thermostat
	Product No.	RDG165KN	Room thermostat
	Product line	RDG	
Process control	Siemens Switzerland Ltd Gubelstrasse 22 Zug 6300 Switzerland		
	Management System	since	by
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 No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
Product use	Typical energy consumption	11kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN 60730	
	Fire load	6MJ	
Packaging	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	
Materials	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; halogen-free	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 16pcs	25g
	Steel; galvanized	Screws 5 pcs	3g
Others			

PCBAs (Printed Circuit Board assembled)

FR4; TBBA; solder SnAgCu

PCB assembly

variant

Special components
(part of the assembled PCB)

Relays

AgNi

3pcs

(13g)

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

***Variant parts list**

	RDG160KN	RDG165KN											
Total weight of device	244	246											
Clear lens Top	31	31											
housing Bottom	17	17											
housing	38	38											
Mounting frame	19	19											
Rotary knob	5	5											

Terminals pins 16pcs
Screws 5 pcs

	25	25											
	3	3											
PCB assembly	106	108											
Fire load [MJ]	6	6											
Typical energy consumption [kWh/a]	11	11											
Special components (part of the Relays [pcs]	3	3											

Packaging
single unit in folded box
inner paper box

[g]	42	42									
	36	36									

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.
