



Environmental Product Declaration

Product	Type of equipment	RDG100KN, 400KN RDG100,100T,100T/H,110,140,160, 400	
	Designation	Room thermostat with KNX Wall-mounted room thermostat	
	Product line	RDG	
Process control	Siemens Switzerland Ltd, Building Technologies Division Gubelstrasse 22, CH-6301 Zug, Switzerland		
	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	< 160 kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN 60730	
	Fire load	6 MJ	
Packaging	20-PAP Corrugated fiber board	Single unit in folded box	42 g
	20-PAP Corrugated fiber board	Inner paper box	40 g
	Notes on disposal	One-way, recyclable	

Materials		Total weight of device ¹⁾	267g
Plastics	PC, halogen-free	Clear lens	31 g
	ABS, halogen-free	Top housing	17 g
	ABS, halogen-free	Bottom housing	38 g
	PC, halogen-free	Mounting frame ¹⁾	38 g
	ABS, halogen-free	Rotary knob	5g
Metals	CuZn, tin plated	Terminal pins (16 pcs) ¹⁾	3g
	Aluminum	Heat sink (3 pcs)	12 g
	Steel, galvanized	Screws (11 pcs)	6 g
PCB assembled	FR4, TBBA, SnAgCu	Printed circuit board ¹⁾	118 g

¹⁾ They are the maximum figures among the RDG product series.

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Special components

RDG110	Relays, contacts AgNi	5 pcs	(20 g)
RDG100xx	Relays, contacts AgNi	3 pcs	(12 g)

Weights in brackets are already included in components declared under materials.

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and should 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

Materials:

The device is free from substances banned by the Directive 2002/95/EC (RoHS):

Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials

Cd: < 0.01 % by weight in homogeneous materials

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.