SIEMENS

Environmental Product Declaration

Product	Type of equipment / Product No.	RDF600	Semi-flush mounted room thermostat
		RDF600T	Semi-flush mounted room thermostat
		RDF600KN	Semi-flush mounted room thermostat
		RDF600KN/S	Semi-flush mounted room thermostat
Product	Type of equipment / Product No.	RDF600, RDF600T, RDF600KN, RDF600KN/S	
	Designation	Semi-flush mounted room thermostat	
	Product line, product range	RDF	

Process control

Siemens Switzerland Ltd

Building Technologies Division

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Management System		since	by
ISO 14001	(Environment)	05.07.2005	SGS
ISO 9001	(Quality)	08.05.2017	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	31kWh/a	
			3.5
	Maintenance	Not necessary	
		On notice	

Risk of fire	Fire protection according to	EN 60730
	Fire load	4MJ

Packaging	white 3M7816	Folded box	2g
	high strength polybag	PE bag	1g
	W9A	Gift box	36g
	W9A	Gift box insert	5g
	B3B single layer	Cartonboard	24g
	paper B=B double layer	Carton box	320g
	140 g paper	Installation Note	17g
	140 g paper	Folding installation	17g
	Notes on disposal	One-way, recyclable	

Materials	Total weight of device		136g
		The total weight of a device may deviate from the total of the weights of all individual components due to rounding.	
Plastics	pc	Back cabinet	12g
	pc	wall plate	25g
	pc	Global mounting plate	5g
	ABS	Front Case	10g
	pc	LCD lens	8g
	ABS	Setpoint Button "+"	1g
	ABS	Setpoint Button "-"	1g
	ABS	H/C Button	1g
	ABS	Fan Button	1g
	ABS	Timer clock button	2g
	ABS	OK mode button	2g
Metals	Steel	LCD bracket	5g
	Steel	pcb screw	1g
	screw	screw	1g
Others	Glass surface,Display Type: TN, Positive,Drive Mode: LCD		10g
PCBAs (Printed Circuit Board assembled)	FR4; halogen-free; solder SnAgCu	RDF600 Logic Board	22g
	FR4; halogen-free; solder SnAgCu	RDF600 Power Board	7g
	FR4; halogen-free; solder SnAgCu	RDF600 Relay Board	29g

Special components
(part of the assembled PCB)

*Variant parts list

[g]	RDF600	RDF600T	RDF600KN	RDF600KN/S								
Total weight of device	136	136	136	136								
Back cabinet	12	12	12	12								
wall plate	25	25	25	25								
Global mounting plate	5	5	5	5								
Front Case	9	9	9	9								
LCD lens	8	8	8	8								
Setpoint Button "+"	1	1	1	1								
Setpoint Button "-"	1	1	1	1								
H/C Button	1	1	1	1								
Fan Button	1	1	1	1								
Timer clock button	1	1	1	1								
OK mode button	1	1	1	1								
LCD bracket	4	4	4	4								
pcb screw	0	0	0	0								
screw	0	0	0	0								
LCD	9	9	9	9								
RDF600 Logic Board	22	22	22	22								
RDF600 Power Board	6	6	6	6								
RDF600 Relay Board	29	29	29	29								
Fire load [MJ]	4	4	4	4								
Typical energy consumption												
[kWh/a]	31	31	31	31								

Packaging

Folded box	[g]	2	2	2	2								
PE bag		1	1	1	1								
Gift box		36	36	36	36								
Gift box insert		5	5	5	5								
Cartonboard		24	24	24	24								
Carton box		320	320	320	320								
Installation Note		17	17	17	17								
Folding installation		17	17	17	17								

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.

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.)

The device is halogen-free.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.

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