



Environmental Product Declaration

Product

Type of equipment / Product No.	RDD100	Room Thermostat AC 230V
	RDD100.1	Room Thermostat DC 3V
	RDD100.1DHW	Room thermostat DHW
	RDE100	Room Thermostat AC 230V
	RDE100.1	Room Thermostat DC 3V
	RDE100.1DHW	Room thermostat DHW
	RDD100.1RFS	Room Thermostat wireless set
	RDE100.1RFS	Room Thermostat wireless set
	RDE100FP	Room thermostat fil pilot
	RDE100.1FPRFS	Fil pilot RF Set
	RDE-MZ6	Multizone wireless receiver
Product line	RAC	

Process control

Siemens Switzerland Ltd
Gubelstrasse 22
Zug 6300
Switzerland

Management System	since	by
ISO 9001 (Quality)	22.07.1986	SQS
ISO 9001 (Quality)	20.10.1998	SQS
OHSAS 18001 (OH&S)	01.01.2011	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 with Siemens EP Standard No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Product use

Typical energy consumption variant *) see below

Fire load variant *) see below

Packaging

20-PAP Corrugated fiber board	CartonBox	26g
20-PAP Corrugated fiber board	GiftBox	variant
20-PAP Corrugated fiber board	Staple Pad	6g
22-PAP paper	Product user manual	variant
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; Free data entry; antimony-free 0%; halogen-fr LCD Lens	variant	
	PC; Free data entry; antimony-free 0%; halogen-fr Front Housing	variant	
	PC; Free data entry; antimony-free 0%; halogen-fr Insulation Sheet	variant	
	PC; Free data entry; antimony-free 0%; halogen-fr Rear-Housing	variant	
	PC; Free data entry; antimony-free 0%; halogen-fr Battery Drawer	variant	
	PC; Free data entry; antimony-free 0%; halogen-fr Mounting Plate	variant	
	PC; Free data entry; antimony-free 0%; halogen-fr RF Stand	variant	
Metals	Steel; nickel plated	Screw SP2.0X3mm	1g
	Steel stainless; nickel plated	Battery Spring1	variant
	Cu; nickel plated	Battery Spring4	variant
	Steel; zinc plated	SCREW SP2.5X8mm	1g
	Steel; nickel plated	NUT M3	1g
	Steel; zinc plated	SCREW RDD M3	variant
Others	1-PET	Screen Film	variant
	Polyvinyl Alcohol &Tri Acetic acid Cellulose	LCD Polarlizer	variant
	small molecule organic compounds	LCD liquid crystal	variant
	SIO2 &Indium Tin Oxides	LCD ITO	variant
	Cu Sn alloy	LCD PIN	variant
	Acrylate	LD end sealin	variant
	PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	RDD Touch Board PCBA
FR4; halogenated; solder SnAgCu		RDD100 Main Board PCBA	variant
FR4; halogenated; solder SnAgCu		RDD100.1 Main PCBA	variant
FR4; halogenated; solder SnAgCu		RDE Touch Board PCBA	variant
FR4; halogenated; solder SnAgCu		RDE100 Main Board PCBA	variant
FR4; halogenated; solder SnAgCu		RDE100.1 Main PCBA	variant
FR4; halogenated; solder SnAgCu		RDD/E 100.1 DHW Main PCBA	variant
FR4; halogenated; solder SnAgCu		MZ6 PCBA	variant

***Variant parts list**

	RDD100	RDD100.1	RDD100.1DHW	RDE100	RDE100.1	RDE100.1DHW	RDD100.1RFS	RDE100.1RFS	RDE100FP	RDE100.1FPRFS	RDE-MZ6	
[g] Total weight of device	134	136	191	197	185	191	144	194	194	194	219	
LCD Lens	5	5	7	7	7	7	5	7	7	7		
Front Housing	24	24	26	26	26	26	24	26	26	26	40	
Insulation Sheet	2	2	3	3	3	3	2	3	3	3		
Rear-Housing	25	25	32	32	32	32	25	32	32	32	40	
Battery Drawer	5	5	5	5	5	5	5	5	5	5		
Mounting Plate	19	19	25	25	25	25	19	25	25	25	18	
RF Stand							9	9		9		
Battery Spring1		0	0		0	0	0	0		0		
Battery Spring4		0	0		0	0	0	0		0		
SCREW RDD M3	1	1	1	1	1	1	1	1	1	1		
Screen Film	1	1	1	1	1	1	1	1	1	1		
LCD Polarlizer	1	1	2	2	2	2	1	2	2	2		
LCD liquid crystal	1	1	3	3	3	3	1	3	3	3		
LCD ITO	7	7	18	18	18	18	7	18	18	18		
LCD PIN	2	2	4	4	4	4	2	4	4	4		
LD end sealin	1	1	2	2	2	2	1	2	2	2		
RDD Touch Board PCBA	5	5					5					
RDD100 Main Board PCBA	37											

RDD100.1 Main PCBA		38					38					
RDE Touch Board PCBA			7	7	7	7		7	7	7		
RDE100 Main Board PCBA				63					60			
RDE100.1 Main PCBA					51			51		51		
RDD/E 100.1 DHW Main PCBA			57			57						
MZ6 PCBA												120

Fire load	[MJ]	4	4	6	6	5	6	4	6	6	6	5
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Typical energy consumption	[kWh/a]	75			75					75		53
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Packaging												
GiftBox		65	65	63	63	63	63	65	65	65	65	65
Product user manual		39	39	39	74	74	74	80	80	74	80	80

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.