



Environmental Product Declaration

Product	Type of equipment / Product No.	RDF310.2/MM	FCU with KNX room thermostat	
		RDD310/MM	Heating with KNX room thermostat	
	Product line	RAC		
Process control	Siemens Switzerland Ltd			
	Gubelstrasse 22			
	Zug 6300			
	Switzerland			
	Management System	since	by	
	ISO 9001 (Quality)	01.06.2012	LPCB	
	ISO 14001 (Environment)	01.05.2005	SGS	
	OHSAS 18001 (OH&S)	01.12.2011	SGS	
	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		
	Maintenance	Not necessary		
		On notice		
Risk of fire	Fire protection according to	EN 60730		
Packaging	21-PAP Fiber board	Gift box	35g	
	20-PAP Corrugated fiber board	Carton box	395g	
	4-LDPE	Polybag	1g	
	20-PAP Corrugated fiber board	Packing sheet for separate	2g	
	5-PP	Polybag	2g	
	22-PAP Paper	QC Pass label	1g	
	22-PAP Paper	Label for white box	1g	
	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	ABS; halogen-free	FRONT CASE 0870,RDF310.2/MM,0856	12g	
	ABS; halogen-free	REAR CASE,0870,RDF310.2/MM,0856	19g	
	ABS; halogen-free	FAN BUTTON,0870,ALL,0856	1g	
	ABS; halogen-free	SETPOINT BUTTON +,0870,ALL,0856	1g	
	ABS; halogen-free	SETPOINT BUTTON -,0870,ALL,0856	1g	
	ABS; halogen-free	H/C BUTTON,0870,ALL,0856	variant	
	ABS; halogen-free	SHORT DUMMY BUTTON,0870,ALL,0856	variant	
	PMMA; halogen-free	LENS,DISPLAY,0870,RDF310.2	variant	
	PMMA; halogen-free	LENS,DISPLAY,0872,RDD310/MM	variant	
	ABS; halogen-free	POWER BD HOUSING,0871,RDF310.2/MM	variant	
	ABS; halogen-free	POWER BD HOUSING,0872,RDD310/MM	variant	
	ABS; halogen-free	CONNECTOR COVER,0870,ALL,0856	1g	
	PP; halogen-free	DOUBLE TAPE FOR LENS,0870	3g	

Metals	EVA; halogen-free	SPONGE,LCD BRACKET	1g
	PC; halogen-free	PC SHEET,0871/0872,MAIN BD	1g
	PET; halogen-free	PET SHEET, DUMMY BUTTON	variant
	Steel; zinc plated	SCREW,S-TAPT P,S-ZN,PAN,2.3,6.0	1g
	Steel; nickel plated	SCREW,M/C,S-NI,PAN,M3.5X25,ROHS	4g
Others	Steel; tin plated	LCD Mounting Bracket	5g
	ITO Glass/Liquid Crystal/Polarizer	LCD	
	steel&copper&plastical&glue	Transformer	40g
	Case/Base/Bobbin/Card PBT resin	Relays:	
	PBT	A) 1-1721547-1 (TYCO)	variant
PCBAs (Printed Circuit Board assembled)	PBT (Base & Spool)	B) G5NB-1A-E DC9V (OMRON)	variant
	FR-4; halogenated; solder SnAgCu	C) G5SB-14 9VDC (OMRON)	8g
	FR-4; halogenated; solder SnAgCu	Main PCB, ALL	18g
	FR-4; halogenated; solder SnAgCu	Power PCB, RDF310.2/MM	variant
		Power PCB, RDD310/MM	variant

***Variant parts list**

	RDF310.2/MM		
Total weight of device	158		
ABS; halogen-free	1		
ABS; halogen-free			
PMMA; halogen-free	8		
PMMA; halogen-free			
ABS; halogen-free	19		
ABS; halogen-free			
PET; halogen-free			
Case/Base/Bobbin/Card PBT r	4		
PBT	4		
FR-4; halogenated; solder SnAgC	10		
FR-4; halogenated; solder SnAgC			
Typical energy consumption			
[kWh/a]	18		

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.