



Environmental Product Declaration

Product	Type of equipment	RDF302	
	Designation	Semi flush-mount room thermostat	
	Product line	RDF	
Manufacturer	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 per year	61 kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN 60730	
	Fire load	6.3 MJ	
Packaging	20-PAP Corrugated fiber board	Single unit in folded box	80 g
	Notes on disposal	One-way, recyclable	

Materials			Total weight of device	261 g
Plastics	ABS	halogen-free	Top housing	17 g
	ABS	halogen-free	Bottom housing	35 g
	ABS	halogen-free	Mounting Frame	30 g
	ABS	halogen-free	Button	5 g
	PC	halogen-free	Clear Lens	31 g
Metals	CuZn	Tin plated	Terminals Pins	3 g
	Steel	Tin plated	LCD Bezel	3 g
	Steel	Galvanized	Screws	6 g
PCB assembled	FR4, TBBA, SnAgCu		Logic board	60 g
	FR4, TBBA, SnAgCu		Relay board	32 g
	FR4, TBBA, SnAgCu		Modbus board	18 g
	FR4, TBBA, SnAgCu		SMPS board	21 g

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

Special components	Relay, contacts AgNi	5 pcs	(7 g)
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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) - allowing for the exemptions acc. to Decision 2010/571/EU:

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

Cd: < 0.01 % by weight in homogeneous materials.

The device is halogen-free excepted the PCBs (TBBA)

Legal disclaimer: This declaration is for information purposes 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.