



Environmental Product Declaration

Product	Type of equipment	RVD120, RVD140	
	Designation	Heating controller	
Process control	Siemens Switzerland Ltd Building Technologies Gubelstrasse 22 CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	20.10.1998	SQS
	ISO 9001 (quality)	22.07.1986	SQS
Product use		RVD120	RVD140
	Max. energy consumption per year	48 kWh/a	57 kWh/a
	Maintenance	Not necessary	
Risk of fire		RVD120	RVD140
	Fire load	17 MJ	18 MJ
	Fire protection according to	EN 60730-2-9	
Packaging		RVD120	RVD140
	20-PAP Corrugated cardboard	Folded bottom box	62 g
	22-PAP Paper	Label	1 g
	PE foam	Insert	1 g
	22-PAP Paper	Instructions	158 g
	Notes on disposal	One-way, recyclable	

Controller

Materials			RVD120	RVD140
Total weight of device (without terminal base)			524 g	595 g
Plastics	ASA	Housing, Setting knob, Cover, Cover detachable	111 g	111 g
	ABS	Front	32 g	32 g
	PC	Window frame	15 g	15 g
	PA66	Swivelling lever	1 g	1 g
	VMQ	Rubber pads	6 g	6 g
Metals	Steel	Cheese head screw	8 g	8 g
PCB assembled	FR4 / CEM3 TBBA SnAgCu	Operation PCB	57 g	57 g
	FR4 / CEM3 TBBA SnAgCu	I/O PCB	294 g	365 g
Special components	AgSnO2	Relay	(25 g)	(63 g)
	Epoxyde resin	Transformer	(198 g)	(203 g)

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

Terminal base

Materials			to RVD120	to RVD140
Total weight of terminal base			198 g	243 g
Plastics	ASA+PC	Terminal base	137 g	137 g
	PA66	Housing (Terminal strip)	17 g	34 g
Metals	CuZn nickel-plated	Terminal sleeve	14 g	28 g
	CuSn tin-plated	Fork contact (Terminal strip)	5 g	11 g
	Steel chromated	Terminal plate, Connection screw complete	17 g	17 g
	CuSn tin-plated and chromated	Screw (Terminal strip)	8 g	16 g

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

The silicone rubber mats (VMQ) have been heated at 200 °C for 2 hours. The plastic parts were manufactured without silicone containing mold release agents.

Environmental benefits:

Energy efficiency control through night setback.

Plants with d.h.w storage tank: Environment protection through solar d.h.w. heating.

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.