SIEMENS

EPD - Type II
Based on ISO 14021



Environmental Product Declaration

Product

Type of equipment / Product No.	S55370-C109	RVD120-A District heating controller
	S55370-C113	RVD140-A District heating controller
	S55370-C125	RVD250-A District heating controller
	S55370-C129	RVD260-A District heating controller
Product line, product range	District heating controller	

Process control

Siemens Switzerland Ltd
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Management System	since	by
ISO 14001 (Environment)	20.10.1998	SQS
ISO 9001 (Quality)	22.07.1986	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 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Product use

Typical energy consumption	variant *) see below
Maintenance	Not necessary

Risk of fire

Fire protection according to	EN 60730-2-9
Fire load	variant *) see below

Packaging

20-PAP Corrugated fibreboard	Folding box	51g
Plastic - Other	Insert	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	Housing	99g
	ABS	Front	variant
	PC	Window frame	16g
	ABS	Cover detachable	1g
	ABS	Setting knob	variant
	ABS	Cover	11g
	VMQ	Rubber pad luminous	3g
	VMQ	Rubber pad triangle	3g
	VMQ	Rubber pad oval	1g
	VMQ	Rubber pad info	variant
	PA66; GF 30%	Swileling lever	1g
	ABS+PC	Terminal base	137g
	PA66	Terminal plate	variant
Metals	Steel; chromated	Head screw	8g
	Steel; chromated	Auxiliary terminal cpl.	variant
	CuZn; nickel plated	Clamping sleeve	variant

	CuSn; plated	Fork contact		variant
	CuSn; plated/chromated	Screw M3		variant
PCBAs (Printed Circuit Board assembled)	FR4 / CEM3; TBBA; solder SnAgCu	PCBA Operating		variant
	FR4 / CEM3; TBBA; solder SnAgCu	PCBA I/O		variant
Special components (part of the assembled PCB)	Relais	AgSnO2	variant	
	Transformer		1pcs	

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

***Variant parts list**

[g]	S55370-C109	S55370-C113	S55370-C125	S55370-C129								
Total weight of device	723	839	843	847								
Front	32	32	32	32								
Setting knob	1	1	1	3								
Rubber pad info				1								
Terminal plate	17	34	34	34								
Auxiliary terminal cpl.	17	17	22	22								
Clamping sleeve	14	28	28	28								
Fork contact	6	12	12	12								
Screw M3	8	16	16	16								
PCBA Operating	57	57	60	62								
PCBA I/O	294	365	361	361								
Fire load [MJ]	17	19	19	19								
Typical energy consumption [kWh/a]	49	57	49	53								
Special components (part of the Relais [pcs]	4	9	10	10								

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, including the 4 phthalates added to Annex II in 2015.

Regulation (EC) No. 1907/2006 (REACH)

The device contains the following 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. Contained REACH candidate substances, including those which will become known at a later date, are listed on the delivery note.
Lead, CAS-Nr.7439-92-1

(Status according to the creation date of this document.)

Environmental benefits

Energy-efficient regulation due to night lowering.

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.