



Environmental Product Declaration

Product	Type of equipment / Product No.	RMZ791	Operator Unit
	Product line	Synco™ 700	
Process control	Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
	Management System	since	by
	ISO 9001 (Quality)	22.07.1986	SQS
	ISO 14001 (Environment)	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".		
		Due functional design energy consumption included in the controller	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN 60730-1	
	Fire load	6MJ	
Packaging	20-PAP Corrugated fiber board	Folded bottom box	36g
	22-PAP paper	Label	1g
	Notes on disposal	recyclable	
Materials	Total weight of device	334g	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	ABS+PC; RAL 7001; halogen-free	Setting knob	3g
	Q Silicone rubber; RAL 7001; halogen-free	Info button	1g
	Q Silicone rubber; RAL 7001; halogen-free	Escape button	1g
	Q Silicone rubber; transparent; halogen-free	Alarm button	1g
	ABS+PC; RAL 7035; halogen-free	Housing	45g
	ABS+PC; RAL 7035; halogen-free	Base plate	59g
	PC; crystal clear; halogen-free	Protection glass	11g
Metals	Steel; zinc plated	Screw set	3g
	Steel; nickel plated	4 screws	1g

Others	Cable 10-wire	Cable / Wire		125g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA	PCB		88g
Special components (part of the assembled PCB)	Passive components	Push / Turn element	1pcs	(3g)
	Passive components	THR connector	1pcs	(2g)

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

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.)

The device is halogen-free with exception of:
PCB (TBBA)

Environmental benefits

- High-quality PID controller operating with predefined and tested parameters
- Energy-saving setpoints and operating mode (Precomfort)
- Demand-dependent plant operation (plant is switched on only when required)
- Heating limit switch (heating is switched off in the summer)
- Second fan speed is switched on only when required by the room
- Load-dependent switching of pumps
- Indoor air quality control (demand-dependent switching of fan)

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 Schweiz AG 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.