



Environmental Product Declaration

Product	Type of equipment /	RDZ100ZB	RDZ100ZB	Connected Home THS wired
	Product No.	RDZ101ZB	RDZ101ZB	Connected Home THS wireless
		ARG101	ARG101	RDZ Mounting Frame Set
		RDZ103ZB	RDZ103ZB	Connected Home THS OT
		RDZ200ZB	RDZ200ZB	Connected Home THS wired H/C
Product line,Product ra Siemens connected home				
Process control	BSCE			
	1, Fengzhi East Road, Xibeiwang, Haidian District			
	100094, BEIJING / China			
	Management System	since	by	
	ISO 9001 (Quality)	01-June-2001	LPCB	
	ISO 14001 (Environment)	07-May-2005	SGS	
	OHSAS 18001 (OH&S)	12-December-2011	SGS	
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		
		RDZ100ZB, RDZ101ZB, RDZ200ZB: Voltage:3V; Average current 0.167mA; RDZ103ZB: 0.16mW (typ)		
	Maintenance	Not necessary		
		Not necessary		
Risk of fire	Fire protection according to	EN 60950		
	Fire load	variant *) see below		
Packaging	20-PAP Corrugated fibreboard	Box and insert	variant	
	22-PAP Paper	Instruction	variant	
	4-LDPE Low density polyethylene	Big plastic bag	variant	
	4-LDPE Low density polyethylene	Small plastic bag	variant	
	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	PC	Front housing	variant	
	PC	Rear housing with relay	variant	
	PC	Battery cover	variant	

Building Parts

Metals	PC	Mounting plate	variant
	PC	Rear housing without relay	variant
	PC	table stand support	variant
	PC	Italian mounitng frame	variant
	Steel	Magnet attracting metal sheet	variant
	Steel; nickel plated	Battery contact	variant
	Steel stainless	Steel stainless screw	variant
	Steel; zinc plated	M3 nut	variant
	Steel stainless	Italian mounting plate	variant
	Steel; zinc plated	M3.5x25	variant
Others	Steel; nickel plated	M3x6	variant
		Magnet	variant
		LED module	variant
		1st battery / accumulator	variant
PCBAs (Printed Circuit Board assembled)		Terminal	variant
	FR4; TBBA; solder SnAgCu	PCBA with relay	variant
	FR4; TBBA; solder SnAgCu	PCBA withou relay	variant

*Variant parts list

	[g]	RDZ100ZB	RDZ101ZB	ARG101	RDZ103ZB	RDZ200ZB
Total weight of device		157	173	65	104	157
Front housing		26	26		26	26
Rear housing with relay		18				
Battery cover		5	5		5	5
Mounting plate		18	18		18	18
Rear housing without relay			18		19	18
table stand support			26			
Italian mounitng frame				24		
Magnet attracting metal sheet		0	0		0	0
Battery contact		1	1			1
Steel stainless screw		1	1		1	1
M3 nut		0	0		0	0
Italian mounting plate				35		
M3.5x25				3		
M3x6				1		
Magnet		1	1		1	1
LED module		18	18		18	18
1st battery / accumulator		46	46			46
Terminal		4			4	4
PCBA with relay		19				19
PCBA withou relay			13		13	
Fire load	[MJ]	3	4	1	3	3
Typical energy consumption	[kWh/a]	0.005	0.005		1.402	0.005
Packaging						
Box and insert	[g]	63	63		63	63
Instruction		5	5		5	5

Building Parts

Big plastic bag

Small plastic bag

		1		
		0		

Disposal



The symbol or any other national label indicates the product, its packaging and where applicable, any removed batteries may not be disposed as part of normal waste. Delete any personal data and dispose of the item via separate collection and recycling facilities in accordance with local and national regulations. For additional details, refer to www.siemens.com/bt/disposal.

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)

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. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

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

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

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.

BSCE 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.

A5W00269582A

04.06.2024