SIEMENS

Environmental Product Declaration

Product	Type of equipment / Product No.	S55770-T377	RDH100

Product

	Product line	SRA

Process control	Beijing Siemens Cerberus Electronics Ltd.

No.1 Fengzhi Dong Lu, Xi Bei Wang, Haidian District
100094, Beijing, China

Management System	since	by
ISO 9001 (Quality)	06.01.2001	LPCB
ISO 14001 (Environment)	05.07.2005	SGS
OHSAS 18001 (OH&S)	12.12.2011	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 No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Product use	Typical energy consumption	5kWh/a
	Maintenance	Change of batteries 1 year

Risk of fire	Fire protection according to	EN 60730
	Fire load	8MJ

Packaging	20-PAP Corrugated fiber board	Gift box (non-RF)
	21-PAP Fiber board	Gift box insert (non-RF)
	22-PAP paper	Operating instruction (non-RF)
	A333A	Outer carton (non-RF)
	20-PAP Corrugated fiber board	Gift box (RF)
	21-PAP Fiber board	Gift box insert (RF)
	22-PAP paper	Operating instruction (RF)
	A333A	Outer carton (RF)

	Notes on disposal	One-way, recyclable	
Materials	Total weight of device		319g
		The total weight of a device may deviate from the total of the weights of all individual components due to rounding.	
Plastics	ABS	FRONT CABINET (sliders)	0g
	ABS	FRONT CABINET (no sliders)	41g
	ABS	REAR CABINET (one button)	0g
	ABS	REAR CABINET (two buttons)	31g
	ABS	BATTERY COMPARTMENT	10g
	PC	LCD LENS	10g
	PC	LCD SUPPORT	7g
	ABS	ROTARY KNOB	9g
	PC	WALL PLATE	44g
	PC	TERMINAL BLOCK COVER	2g
	ABS	PUSH BUTTON	
	PC	TABLE STAND SUPPORT	
Metals	0.3MM TH'K SUS301-1/2H	CONTACT PLATE+VE	1g
	0.3MM TH'K SUS301-1/2H, DIA0.5MM SUS304-WPE	CONTACT PLATE -VE	1g
	0.3MM TH'K SUS301-1/2H, DIA0.5MM SUS304-WPE	CONTACT PLATE COMMON	1g
	DIA.0.8MM, C5191W-H; zinc plated	ANTENNA	
	0.25MM TH'K C5191-H; nickel plated	BATTERY CONTACT PLATE	1g
	0.12MM TH'K SUS301-3/4H	SLIDER CONTACT PLATE	0g
	0.8MM TH'K BRASS C2680-H; nickel plated	CONTACT FORK	1g
	BRASS,, 14TJ000J10	BRASS WIRE CAGE	2g
	0.8MM TH'K BRASS C2680-H; nickel plated	POWER CONTACT PLATE	2g
	Steel; nickel plated	ST SCREW, 2.0X6.0, D=6 PWH/B	1g
	Steel; nickel plated	ST SCREW, 2.3X8.0	1g
	Steel; nickel plated	M/C SCREW, M3X10X0.5P, D=6"+/-"BH	1g
	Steel; nickel plated	NUT, SQUARE	1g
	Steel; galvanized	SCREW, 12TJ001N50	1g
Others		LCD > 100 cm²	30g
		Batteries / Accumulators	50g
		Relays	15g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	RDHFLALL02V12	33g
	FR4; TBBA; solder SnAgCu	RDHFLALL01V11	29g

Special components
(part of the assembled PCB)

*Variant parts list

	[g]	S55770-T377											
Total weight of device		319											
FRONT CABINET (sliders)													
FRONT CABINET (no sliders)		41											
REAR CABINET (one button)													
REAR CABINET (two buttons)		31											
BATTERY COMPARTMENT		10											
LCD LENS		10											
LCD SUPPORT		7											
ROTARY KNOB		8											
WALL PLATE		44											
TERMINAL BLOCK COVER		2											
PUSH BUTTON													
TABLE STAND SUPPORT													
CONTACT PLATE+VE		0											
CONTACT PLATE -VE		1											
CONTACT PLATE COMMON		1											
ANTENNA													
BATTERY CONTACT PLATE		0											
SLIDER CONTACT PLATE													
CONTACT FORK		1											
BRASS WIRE CAGE		2											
POWER CONTACT PLATE		1											
ST SCREW, 2.0X6.0, D=6 PWH/I		1											
ST SCREW, 2.3X8.0		1											
M/C SCREW, M3X10X0.5P, D=6		1											
NUT, SQUARE		0											
SCREW, 12TJ001N50		1											

LCD > 100 cm²		30												
Batteries / Accumulators		50												
Relays		15												
RDHFLALL02V12		33												
RDHFLALL01V11		29												
Fire load	[MJ]	8												
Typical energy consumption														
	[kWh/a]	5												
Special components (part of the														
	[pcs]														
Packaging														
Gift box (non-RF)	[g]	44												
Gift box insert (non-RF)		5												
Operating instruction (non-RF)		30												
Outer carton (non-RF)		500												
Gift box (RF)		81												
Gift box insert (RF)		46												
Operating instruction (RF)		30												
Outer carton (RF)		700												

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 silicone rubber mats have been heated at 200 ºC for 2 hours. The plastic parts were manufactured without silicone containing mold release agents.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.

30.03.2017