



Environmental Product Declaration

Product	Type of equipment / Product No.	S55770-T379 RDJ100
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 ISO 9001 (Quality) ISO 14001 (Environment) OHSAS 18001 (OH&S)	since 06.01.2001 05.07.2005 12.12.2011 by LPCB SGS 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 Fire load	EN 60730 8MJ
Packaging	20-PAP Corrugated fiber board 21-PAP Fiber board 22-PAP paper A333A 20-PAP Corrugated fiber board 21-PAP Fiber board 22-PAP paper A333A	Gift box (non-RF) Gift box insert (non-RF) Operating instruction (non-RF) Outer carton (non-RF) Gift box (RF) Gift box insert (RF) Operating instruction (RF) Outer carton (RF)

	Notes on disposal	One-way, recyclable	
Materials	Total weight of device		322g
	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)	41g
	ABS	FRONT CABINET (no sliders)	
	ABS	REAR CABINET (one button)	
	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	2g
	POM	SLIDE SWITCH BASE	2g
	ABS	SLIDE SWITCH CAP	2g
	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	
	0.8MM TH'K BRASS C2680-H; nickel plated	CONTACT FORK	1g
	BRASS WIRE CAGE	BRASS WIRE CAGE	2g
	POWER CONTACT PLATE; 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 cm ²
		Batteries / Accumulators	48g
		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-T379																		
Total weight of device	322																			
FRONT CABINET (sliders)	41																			
FRONT CABINET (no sliders)																				
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	2																			
SLIDE SWITCH BASE	2																			
SLIDE SWITCH CAP	2																			
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
Batteries / Accumulators
Relays

30											
48											
15											

RDHFLALL02V12
RDHFLALL01V11

33											
29											

Fire load [MJ]

8											
---	--	--	--	--	--	--	--	--	--	--	--

Typical energy consumption

[kWh/a]

5											
---	--	--	--	--	--	--	--	--	--	--	--

Special components (part of the

[pcs]

Packaging

Gift box (non-RF)
Gift box insert (non-RF)
Operating instruction (non-RF)
Outer carton (non-RF)
Gift box (RF)
Gift box insert (RF)
Operating instruction (RF)
Outer carton (RF)

[g]

44											
5											
30											
500											
81											
46											
30											
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 to. 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 °C for 2 hours. The plastic parts were manufactured without silicone containing mold release agents.

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.

Beijing Siemens Cerberus Electronics 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.

30.03.2017