



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	RWG1.M12D RWG1.M12	Universal smart controller Universal controller
<b>Product</b>	Product line, product range SRA		
<b>Process control</b>	Beijing Siemens Cerberus Electronics Ltd.  No.1 Fengzhi Dong Lu, Xi Bei Wang, Haidian District 100094, Beijing, China  Management System since by ISO 14001 (Environment) 05.07.2005 SGS <input type="checkbox"/> ISO 9001 (Quality) 08.05.2017 SGS OHSAS 18001 (OH&S) 12.12.2011 SGS <input type="checkbox"/>		
<b>Environmentally compatible product design</b>	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".		
<b>Product use</b>	Typical energy consumption	62kWh/a	
	Maintenance	Not necessary	
<b>Risk of fire</b>	Fire protection according to Fire load	EN 60730-1 7MJ	
<b>Packaging</b>	20-PAP Corrugated fiber board	Gift Box	58g
	Notes on disposal	recyclable	
<b>Materials</b>	Total weight of device <span style="float: right;">variant *) see below</span> <small>The total weight of a device may deviate from the total of the weights of all individual components due to rounding.</small>		
Plastics	PC; halogen-free	Top housing	92g
	PC; halogen-free	Bottom housing	59g
	VMQ Silicone rubber; halogen-free	Button	variant
Metals			
Others		Cable / Wire terminals	variant 38g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	Main PCBA	89g
	FR4; TBBA; solder SnAgCu	Sub HMI PCBA	variant
Special components (part of the assembled PCB)			

**\*Variant parts list**

	[g]	RWG1.M12D	RWG1.M12											
Total weight of device		334	277											
Top housing		92	92											
Bottom housing		58	58											
Button		4												
Cable / Wire terminals		6												
		38	38											
Main PCBA		89	89											
Sub HMI PCBA		47												
Fire load	[MJ]	7	7											
Typical energy consumption	[kWh/a]	62	62											
Special components (part of the)	[pcs]													
Packaging Gift Box	[g]	58	58											

**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.

**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.

**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.