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Environmental Product Declaration

Product

Type of equipment / Product No.

RWG1.M12D RWG1.M12 RWG1.M8 Universal smart controller Universal smart controller Universal smart controller

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
 06.01.2001
 LPCB

 ISO 14001
 05.07.2005
 SGS

 OHSAS 18001
 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 62kWh/a

Maintenance Not necessary

Risk of fire

Fire protection according to EN 60730-1 Fire load 7MJ

Packaging

20-PAP Corrugated fiber board

Gift Box

58g

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Notes on disposal 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; halogen-free Top housing variant PC; halogen-free Bottom housing 59g VMQ Silicone rubber; halogen-free Button variant

Metals

Others Cable / Wire variant terminals 38g

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PCBAs (Printed Circuit Board assembled)

FR4; TBBA; solder SnAgCu FR4; TBBA; solder SnAgCu Main PCBA Sub HMI PCBA 89g variant

Special components (part of the assembled PCB)

*Variant parts list

Total weight of device Top housing Bottom housing Button

[9]	RWG1.M12D	RWG1.M12	RWG1.M8					
	334	275	275					
	92	90	90					
	58	58	58					
	4							
			,					

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Cable / Wire 6 terminals 38 Main PCBA 89 89 89 Sub HMI PCBA 47 Fire load [MJ] 7 Typical energy consumption [kWh/a] 62 62 62 Special components (part of the [pcs]



	_												
Packaging	_												
Gift Box	[9]	58	58	58									
Disposal	-	The devic	e is classif	ied as was	te electro	nic equipm	ent in term	ıs of the Eı	uropean D	irective 20	12/19/EU (WEEE) an	d must

not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered too. Regarding

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

Observe all local and applicable laws.

disposal, use the systems setup for collecting electronic waste.

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.

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.

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12.12.2018