SIEMENS

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product	Type of equipment / Product No.	5WG1 528-1DB01	Universal Dimmer
	Product line	Building + Lighting Controls	

Process control

Beijing Siemens Cerberus Electronics Ltd.
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Management System	since	by
ISO 14001 (Environment)	01.05.2005	SGS
ISO 9001 (Quality)	01.06.2012	LPCB
OHSAS 18001 (OH&S)	01.12.2011	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	29kWh/a
		Energy consumption consists of:
	Maintenance	Not necessary

Risk of fire		
	Fire protection according to	EN50428
	Fire load	4MJ

Packaging			
	20-PAP Corrugated fiber board	gift box	43g

Materials			
	Total weight of device		213g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	PA6; halogen-free	Top housing	59g
	PA6; halogen-free	Bottom housing	42g
Metals	Al alloy	Heat sink	53g
	Steel stainless	Spring piece	11g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCBA	51g

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 device is halogen-free 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.

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.