SIEMENS

Building Parts

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product	Type of equipment / Product No.	OCT200.KNBA	KNX IoT to BACnet/IP Gateway
	Product line, Product range	IoT	

Process control	BSCE		
	1, Fengzhi East Road, Xibeiwang, Haidian District		
	100094, BEIJING / China		
	Management System	since	by
	ISO 9001 (Quality)	06-January-2001	LPCB
	ISO 14001 (Environment)	05-July-2005	SGS
	OHSAS 18001 (OH&S)	12-December-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 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".	
Product use	Typical energy consumption	105.120kWh/a
	Maintenance	Not necessary
		Not necessary
Risk of fire	Fire protection according to	EN 60730
	Fire load	9MJ

Packaging	21-PAP Non-corrugated fibreboard	Master Carton	127g
	21-PAP Non-corrugated fibreboard	Inner Card Insert	49g
	22-PAP Paper	instruction manual	4g
	2-HDPE High density polyethylene	Packaging bag Scrub bag	4g
	Metal - Other	Countersunk pointed tail tapping screw	3g
	Notes on disposal	One-way, recyclable	

Materials	Total weight of device		338g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	ABS; low-halogen	Upper shells	48g
	ABS; low-halogen	lower shells	55g
	PC; low-halogen	Light guide column	3g
	ABS; low-halogen	Wall bracket	9g
Metals	Al alloy; electrophoresis	Heat sink	17g
	Steel stainless; passivation	Shield cover	3g
Others	65%(PVC soft)+14%(ABS+PC)+2%(Cu)+19%(FR4)	Power adapter	152g
PCBAs (Printed Circuit Board assembled)	FR4; low-halogen; solder SnAgCu	SIEMENS-GATEWAY-PCBA_V0.3	52g

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Disposal



The symbol or any other national label indicates the product, its packaging and where applicable, any removed batteries may not be disposed as part of normal waste. Delete any personal data and dispose of the item via separate collection and recycling facilities in accordance with local and national regulations. For additional details, refer to www.siemens.com/bt/disposal.

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

Regulation (EC) No. 1907/2006 (REACH)

The device contains the following 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. Contained REACH candidate substances, including those which will become known at a later date, are listed on the delivery note.
Lead, CAS-Nr.7439-92-1; Lead titanium trioxide, CAS-Nr.12060-00-3; Lead titanium zirconium trioxide, CAS-Nr.12626-81-2; Diarsenic pentoxide , CAS-Nr.1303-28-2; Diboron trioxide , CAS-Nr.1303-86-2
(Status according to the creation date of this document.)

The device is low-halogen with exception of:
PCB (TBBA); PVC cable

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.

BSCE 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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