SIEMENS

EPD - Type II
According to ISO 14021

Environmental Product Declaration

Product	Type of equipment / Product No.	5WG1 143-1AB01	IP Gateway KNX-BACnet N143
	Product line	Gamma instabus	

Process control	Siemens IC BT CPS Gubelstrasse 22 6301 Zug / CH		
	Management System	since	by
	ISO 9001 (Quality)	22.05.2012	SQS
	ISO 14001 (Environment)	23.03.2012	SQS
	OHSAS 18001 (OH&S)	23.03.2012	SQS

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	9kWh/a At KNX voltage 24V, supply voltage 24V and with ethernet communication
	Maintenance	Not necessary
Risk of fire	Fire protection according to	EN 50428
	Fire load	4MJ

Packaging	20-PAP Corrugated fiber board	packaging	20g
	22-PAP paper	instruction leaflet	15g
	Notes on disposal	One-way, recyclable	

Materials	Total weight of device		117g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	ABS	Housing	28g
	ABS	Base plate	18g
	ABS	Display mounting plate	3g
	PMMA	Front cover	6g
	ABS	2x plug insert for terminal block	2g
	ABS	Slider	1g
	ABS	Button stamp	1g
	PMMA	Optical fibre	1g
Others	PA66+metal	BUS terminal 2-pole	2g
	PA66+metal	BUS terminal 2-pole	2g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	Power PCBA	32g
	FR4; TBBA; solder SnAgCu	Display PCBA	21g

Disposal	The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible. 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.

Siemens IC BT CPS 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.

15.01.2014