SIEMENS

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product

Type of equipment / Product No.	5WG1141-1AB03	KNX / DALI Gateway Plus N141/03
	5WG1141-1AB21	KNX / DALI Gateway Twin plus N141/21
	5WG1141-1AB31	KNX / DALI Gateway Twin N141/31
	5WG1141-1AB31-8SH1	KNX / DALI Gateway Twin N141/31
Product line, product range	Gamma instabus	

Process control

Siemens Schweiz AG
Smart Infrastructure
Theilerstr. 1a
CH - 6300 Zug

Management System	since	by
ISO 9001 (Quality)	15.04.2013	SQS
ISO 14001 (Environment)	15.04.2013	SQS
OHSAS 18001 (OH&S)	15.04.2013	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 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Product use

Typical energy consumption	see Technical product information
Maintenance	Not necessary

Risk of fire

Fire protection according to	EN 50428, UL 916
Fire load	4MJ

Packaging

20-PAP Corrugated fibreboard	Carton 4TE neutral	35g
22-PAP Paper	Mounting instructions	variant
Notes on disposal	One-way, 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	PA6; GF 25%; halogen-free	bottom housing	34g
	PA6; GF 25%; halogen-free	top housing	46g
	PET; halogen-free	insulation foil	1g
	PA; halogen-free	slider	1g
	PMMA; halogen-free	optical fibre	1g
	PET; halogen-free	device labels	1g
Metals	Steel; coated	Pressure spring	1g
Others	PA66+Cu-ETP	BUS terminal 2-pole	2g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	Trafo PCB with flat cable	variant
	FR4; halogenated; solder SnAgCu	KNX PCB with flat cable	16g
	FR4; halogenated; solder SnAgCu	Processor PCB	16g

*Variant parts list [g]	5WG1141-1AB03	5WG1141-1AB21	5WG1141-1AB31	5WG1141-1AB31-8SH1								
Total weight of device	177	178	178	178								
Trafo PCB with flat cable	61	62	62	62								
Packaging												
Mounting instructions	32	32	32	16								

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, 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 trioxyde, CAS-Nr.12060-00-3

(Status according to the creation date of this document.)

The device is halogen-free with exception of:
PCBAs

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 Schweiz AG 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.

18.10.2019