SIEMENS

Smart Infrastructure
Building Products

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product	Type of equipment / Product No.	KNX/DALI Gateway N141/14	5WG1141-1AB14
		KNX/DALI Gateway N141/32	5WG1141-1AB32
	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-April-2013	SQS
	ISO 14001 (Environment)	15-April-2013	SQS
	OHSAS 18001 (OH&S)	15-April-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
	Fire load	5MJ

Packaging	20-PAP Corrugated fibreboard	Carton 4TE neutral	70g
	22-PAP Paper	Mounting instructions	25g
	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	PMMA; low-halogen	Light conductor	1g
	PA; low-halogen	Slider	1g
	PA6; GF 25%; low-halogen	Lower housing 4TE	30g
	PA6; GF 25%; low-halogen	Upper housing 4TE	45g
	PA6; GF 25%; low-halogen	Operating panel 4TE electronic	8g
	Steel	Pressure spring	1g
Others	PA66+Steel CrNi+CU-ETP	BUS terminal 2-pole	2g
		Plastic foil keyboard 4TE	4g
	FEP + CU tinned	Cable, flat	1g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	PCBAs Power, Bottom, CPU	variant
	FR4; halogenated; solder SnAgCu	PCBA UI	6g
	FR4; halogenated; solder SnAgCu	PCBA KNX	7g
Special components (part of the assembled PCB)	PCB > 10 cm²	FR4	4pcs

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

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*Variant parts list	[g]	KNX/DALI Gateway N141/14	KNX/DALI Gateway N141/32
Total weight of device		206	211
PCBAs Power, Bottom, CPU		104	109

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.

For country-specific requirements regarding further disposal information:
http://www.siemens.com/download?A6V13734633

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 meeting the criteria laid down in Article 57 of Regulation (EC) 1907/2006 and identified in accordance with Article 59(1) of EU REACH 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 monoxide (lead oxide), CAS-Nr.1317-36-8; 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one, CAS-Nr.71868-10-5; 2,2',6,6'-tetrabromo-4, 4'-isopropylidenediphenol, CAS-Nr.79-94-7; 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol, CAS-Nr.119-47-1; Silicic acid, lead salt, CAS-Nr.11120-22-2
(Status according to the creation date of this document.)

The device is low-halogen with exception of:
PCBs (TBBA); Cable, flat; Plastic foil keyboard

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.

08.10.2024