SIEMENS

Building Parts

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product

Type of equipment / Product No.	5WG1221-2DB12	wall switch UP 221D12
	5WG1221-2DB32	wall switch UP 221D32
	5WG1221-2DB13	wall switch UP 221D13
	5WG1221-2DB33	wall switch UP 221D33
Product line,Product range	GAMMA instabus	

Process control

Siemens Schweiz AG
Smart infrastructure
Theilerstrasse 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	1MJ

Packaging

20-PAP Corrugated fibreboard	box 2MW	18g
22-PAP Paper	instruction leaflet	21g
22-PAP Paper	sub package	2g
4-LDPE Low density polyethylene	polybag	1g
Notes on disposal	One-way, recyclable	

Materials

Total weight of device 23g

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	transparent cover	6g
	ASA; low-halogen	buttons (2x)	variant
	ASA; lacquered; low-halogen	buttons (2x)	variant
Metals	Steel; zinc plated	screw (2x)	1g
Others	PA66+SteelCrNi	bottom part complete	5g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated	PCBA	8g
Special components (part of the assembled PCB)	PCB > 10 cm²	FR4	1pcs

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

***Variant parts list**

[g]	5WG1221-2DB12	5WG1221-2DB32	5WG1221-2DB13	5WG1221-2DB33
buttons (2x)	3		3	
buttons (2x)		3		3

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 and its Compounds, CAS-Nr.7439-92-1; Lead oxyde (Lead monoxyde), CAS-Nr.1317-36-8; Diboron trioxyde, CAS-Nr.1303-86-2; Lead titanium zirconium oxide, CAS-Nr.12626-81-2

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

The device is low-halogen with exception of:
PCBA

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.

13.10.2022