SIEMENS

Building Parts

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product

Type of equipment / Product No.	5WG1512-1AB11	Switching actuator N512/11
	5WG1512-1AB21	Switching actuator N512/21
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

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	4MJ

Packaging

20-PAP Corrugated fibreboard	Box 2/3 MW	34g
22-PAP Paper	Instruction leaflet	14g

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	PA66; GF 30%; low-halogen	Housing top part	variant
	PA66; GF 30%; low-halogen	Housing base part	22g
	PA6; GF 30%; low-halogen	Slider	1g
	PMMA; low-halogen	Optical fiber	variant
Metals	Steel	Pressure spring	1g
Others	PA66+Steel CrNi+CU-ETP	BUS terminal 2-pole	variant
	PC+CuZn	Jumper plug	variant
PCBAs (Printed Circuit Board assembled)	FR4	PCBA relay	variant
	FR4	PCBA operation	variant
Special components (part of the assembled PCB)	PCB > 10 cm²	FR4	variant

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

*Variant parts list [g]	5WG1512-1AB11	5WG1512-1AB21
Total weight of device	224	210
Housing top part	34	33
Optical fiber	0	
BUS terminal 2-pole	2	
Jumper plug		4
PCBA relay	152	150
PCBA operation	14	

Building Parts

Special components (part of the PCB > 10 cm²	[pcs]	2	1

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; Perfluorobutane sulfonic acid (PFBS) and its salts (only in Jumper plug), CAS-Nr.-
(Status according to the creation date of this document.)

The device is low-halogen with exception of:
PCBAs; Jumper plug

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.

05.07.2022