SIEMENS

Building Parts

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product	Type of equipment / Product No.	5WG1117-2AB12	Bus Coupling Unit (BTM) UP 117/12
		5WG1117-2CB12	Bus Coupling Unit (BTM) UP 117C12
	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	1MJ

Packaging	20-PAP Corrugated fibreboard	box 2MW	variant
	22-PAP Paper	instruction leaflet	variant
	20-PAP Corrugated fibreboard	box	variant
	22-PAP Paper	sub package	variant

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%; low-halogen	Housing	9g
	PA6; GF 25%; low-halogen	Cover	4g
Metals	Steel; zinc plated	mounting frame	variant
	Steel; zinc plated	screw (2x)	variant
Others	PA66+Steel CrNi+CU-ETP	BUS terminal 2-pole	2g
PCBAs (Printed Circuit Board assembled)	FR4	PCBA	9g
Special components (part of the assembled PCB)	PCB > 10 cm²		1pcs

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

***Variant parts list**	[g]	5WG1117-2AB12	5WG1117-2CB12
Total weight of device		44	59
mounting frame		21	35
screw (2x)			1
Packaging			
box 2MW	[g]	18	
instruction leaflet		14	4
box			12

sub package		2

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

(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.

01.07.2022