




## Environmental Product Declaration

<b>Product</b>	Type of equipment /	5WG1146-1AB03	IP Router Secure	
	Product No.	5WG1148-1AB23	IP Interface Secure	
	Product line, product range GAMMA instabus			
<b>Process control</b>	Siemens Schweiz AG			
	Building Technologies Division			
	Theilerstrasse 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		
<b>Environmentally compatible product design</b>	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".			
<b>Product use</b>	Typical energy consumption	0kWh/a	see technical product information	
	Maintenance	Not necessary		
<b>Risk of fire</b>	Fire protection according to	EN 50428		
	Fire load	3MJ		
<b>Packaging</b>	20-PAP Corrugated fibreboard	Carton 2,5TE	16g	
	22-PAP Paper	Mounting instructions	22g	
	Notes on disposal	One-way, recyclable		
<b>Materials</b>	Total weight of device	99g		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
	Plastics	PMMA; halogen-free	light conductor	1g
		PA; halogen-free	Slider	1g
		PA6; GF 25%; halogen-free	lower housing 2TE	20g
		PA6; GF 25%; halogen-free	upper housing 2TE	36g
		ABS+PC; halogen-free	SD Card dummy	1g
		PE; Printed and with adhesive	Printed plastic label 2TE	1g
	Metals	Steel	Pressure spring	1g
	Others	PA66-Cu-ETP	BUS terminal 2-pols	2g
		PA66-Cu-ETP	AC/DC terminal 2-pols	2g
	PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	PCBA Ethernet	19g
		FR4; halogenated; solder SnAgCu	PCBA KNX	20g
	<b>Disposal</b>	 <p>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.</p>		

## 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

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

#### 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.

05.02.2019