

ABB WIRING ACCESSORIES, FINLAND, 1 JANUARY, 2019

# Building product declaration

## Byggvarudeklaration

ABB Document ID:	2TVD100351
Document creation date:	30.9.2019
Product group description:	Surface mounting switches, Kosti

### Revision

Modified (Date)	User (Name)	Changes done

### Supplier/Manufacturer information

Supplier:	ABB Wiring Accessories
VAT-number:	FI07634030
Contact person:	Marie-Sofie Seger
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E-mail:	<a href="mailto:marie-sofie.seger@fi.abb.com">marie-sofie.seger@fi.abb.com</a>
Phone number:	+358503357717
Company website:	<a href="http://www.installationmaterials.com">http://www.installationmaterials.com</a>

The company possesses certification in compliance with:

☒ ISO 9001

☒ ISO 14001

### Appendix:

☒ Appendix I: Product list

For more information please contact:

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## Supporting documents

- ☒ **Declaration of conformity** covering the RoHS-directive (2011/65/EU).
- ☐ **Environmental product declaration** in accordance with EN 15804.
- ☐ **Declaration of performance** in line with European Construction Products Regulation (EU) no 305/2011.

## Product information

Products/articles included in this declaration are listed in Appendix I: Product list.

Type of product	<input checked="" type="checkbox"/> Article	<input type="checkbox"/> Chemical
Is the chemical composition different, for the products when applied (cured product) compared to the content at delivery?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the products in compliance with RoHS-Directive 2011/65/EU?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are the products covered by an exemption according to RoHS-directive (2011/65/EU)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the products in compliance with REACH Regulation (EC) No 1907/2006?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>ABB Wiring Accessories has a process in place to ensure compliance with the legal requirements.</i>		

## Declaration of contents

### Byggbäddomningen

The data and declaration of contents provided in this Building product declaration is in accordance with Byggbäddomningen's guidelines and declaration/information requirements for assessment (to the Recommended level) of product, Version 2016-1.

### SundaHus

The data and declaration of contents provided in this Building product declaration is in accordance with SundaHus Environmental data guidelines and declaration/information requirements for assessment of product, Bedömningskriterier 6.1.4.

### Nordic Swan ecolabel

The data and declaration of contents provided in this Building product declaration is in accordance with Nordic Ecolabelling guidelines and declaration/information requirements for assessment of product, Version 3.7 • 09 March 2016 – 31 December 2022.

*Table 1. Contents of included substances and material in declared products/articles, on delivery. (Declaration of content in accordance with requirements)*

Included material	Constituent substances	EG No. /CAS No.	Weight-% (of the product)	Comments (state any application of non-harmonized classifications)
CuSn 0,15			≤ 4,40%	
	Copper	7440-50-8	≤ 3,74%	
	Tin	7440-31-5	≤ 0,66%	
Fe-Zn			≤ 1,50%	
	Iron	7439-89-6		
	Zinc	7440-66-6		

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<b>AgZnO8PW25</b>		≤ 0,11%	
<b>Nickel plated brass</b>	CuZn37	≤ 6,08%	
	Copper	7440-50-8	
	Zinc	7440-66-6	
	Nickel	7440-02-0	
<b>Nickel plated brass</b>	CuZn40Pb2	≤ 1,14%	
	Copper	7440-50-8	
	Zinc	7440-66-6	
	Nickel	7440-02-0	
<b>Polycarbonate PC</b>	24936-68-3	≤ 68,46%	Halogen free
	Bisphenol A	80-05-7	
	Phosgene	75-44-5	
<b>Polyamide 6 GF30</b>		≤ 4,04%	Halogen free
	Aminocapronacid	60-32-2	≤ 2,828%
	Glass fiber	65997-17-3	≤ 1,212%
<b>Polyamide 66 GF30</b>		≤ 0,81%	Halogen free
	Aminocapronacid	60-32-2	≤ 0,567%
	Glass fiber	65997-17-3	≤ 0,243%
<b>Polyamide 6 GF20</b>		≤ 8,54%	Halogen free
	Aminocapronacid	60-32-2	≤ 6,832%
	Glass fiber	65997-17-3	≤ 1,708%
<b>Fe</b>	7439-89-6	≤ 0,21%	
<b>Stainless steel</b>	X9CrNi18-8, 1.4310	≤ 2,01%	
	Carbon	7440-44-0	
	Chrome	7440-47-3	
	Nickel	7440-02-0	
<b>SEBS</b>		≤ 12,94%	Halogen free
	1-butylene	106-98-9	
	Ethylene	74-85-1	
	Styrene	100-42-5	

**Table 2. Please declare if the product(s) contain the following substance group/substance**

Arsenic and its compounds	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Brominated flame retardants	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
PFOA (perfluorooctaneacids)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
PFOS (perfluorooctane sulfonate)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Organotin compounds	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Biocidal product applied on products (surface treatments) to provide a disinfectant or anti-bacterial effect.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Medium chain chlorinated paraffins (C14-C17)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

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## Nanomaterials

<b>Does the product contain any nanomaterial that has been purposefully added to achieve a specific function?</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If yes, specify the material.</i>		

## Recycling

<b>Does the product contain any recycled material?</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If Yes, specify in the material in Table 3.</i>		

Table 3. List of recycled material included in the product.

Material	Percentage (%) of the recycled material that has not reached the consumer level, such as production waste, etc. (pre- consumer)	Percentage (%) of the recycled material that has reached the consumer level (post- consumer)	Comments

## Production

### Energy efficiency

<b>Has an active effort been taken to minimize the energy consumption in production?</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, describe the type of efforts made:</i>	<i>ABB WA conducts an ongoing optimization of production in order to minimize energy consumption.</i>	
<b>Has an active choice been made, regarding the electricity supplier, in order to promote electricity production from renewable energy sources?</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>Describe the type of energy source, percentage of energy stemming from the renewable source, how long the agreement has been applied, electricity supplier, and for which part of the production it is valid for:</i>	<i>ABB Wiring Accessories in buying electricity from a local energy supplier, Porvoon Energia, which energy sources are 100% renewable. The contract was made in 2009 and is ongoing. The energy source is a</i>	

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combination of hydropower (70%)  
and wind power and solar power  
(30%).

## Distribution

The packages used for the products are made from cardboard. In some cases the products are sealed in plastic foil.

- |  |   |  |
|--|---|--|
| Does the supplier apply any system for returning load carriers for the product?    | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Does the supplier apply any systems involving multi-use packaging for the product? | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Does the supplier take back packaging for the product?                             | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Is the supplier affiliated to REPA?  | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Are the products packages in compliance with Directive 94/62/EC?                   | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |

Are the packages recyclable?

☒ Yes ☐ No

Enter the proportion of recycled material, included in the packaging.

## Construction

- |  |                              |  |
|--|------------------------------|--|
| Are there any special requirements for the product during storage?                         | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are there any special requirements for adjacent building products because of this product? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

## Use

- |  |   |  |
|--|---|--|
| Are there any operating/care instructions for the product?                                     | <input type="checkbox"/> Yes  | <input checked="" type="checkbox"/> No |
| Is the product energy labelled in accordance with the Energy Labelling Directive (2010/30/EU)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not relevant | <input type="checkbox"/> No            |

Reference service life estimated as being approx.

≥ 25 Years

## Disassembly

Does the product require any special measures to protect health and environment during demolition/disassembly?

☐ Yes ☒ No

If "yes", please specify

## Waste management

- |   |   |                             |
|---|---|-----------------------------|
| Is the product covered by the WEEE-directive 2012/19/EU?                            | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Is energy recycling possible for all or parts of the product when it becomes waste? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

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When the supplied product becomes waste, is it classified as hazardous waste? ☐ Yes ☒ No

Is it possible to re-use all or parts of the product? (can the product be reused within the product's expected lifetime)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If "yes", please specify</i>	<i>The products are designed taking in consideration the whole lifecycle.</i>	
Is material recycling possible for all or parts of the product when it becomes waste?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If "yes", please specify</i>	<i>All of the materials present in the product are recyclable.</i>	

### Indore environment

Has the product a critical moisture condition? ☐ Yes ☒ No

Is the article (or chemical product) intended for indoor use?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, has emission data been produced for volatile organic compounds?</i>	<i>The products do not produce emissions.</i>	

All statements are made after our best knowledge and based on information from our suppliers. These details places particularly no assurance (e.g.in the guarantee legal meaning).

  
 MARJO UTRIAINEN LPS MANAGER 30.9.19

Name, signature, title & date

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## Appendix I

## Product list

All products covered by the Building product declaration are presented in Table 1.

*Table 1. Products covered by the Building product declaration.*

[illegible]

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