ABB WIRING ACCESSORIES, FINLAND, 1 JANUARY, 2019

Building product declaration
Byggvarudeklaration

ABB Document ID:	**2TVD100350**
Document creation date:	**30.9.2019**
Product group description:	**Surface mounting switches**

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:	marie-sofie.seger@fi.abb.com
Phone number:	+358503357717
Company website:	http://www.installationmaterials.com

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	☒ Article	☐ Chemical
Is the chemical composition different, for the products when applied (cured product) compared to the content at delivery?	☐ Yes	☒ No
Are the products in compliance with RoHS-Directive 2011/65/EU?	☒ Yes	☐ No
Are the products covered by an exemption according to RoHS-directive (2011/65/EU)?	☐ Yes	☒ No
Are the products in compliance with REACH Regulation (EC) No 1907/2006?	☒ Yes	☐ No

ABB Wiring Accessories has a process in place to ensure compliance with the legal requirements.

Declaration of contents

Byggvarubedömningen

The data and declaration of contents provided in this Building product declaration is in accordance with Byggvarubedömningen'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			≤ 6,45%	
	Copper	7440-50-8	≤ 5,483%	
	Tin	7440-31-5	≤ 0,968%	
AgZnO8PW25			≤ 0,24%	
Nickel plated brass		CuZn37	≤ 8,29%	
	Copper	7440-50-8		

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	Zinc	7440-66-6		
	Nickel	7440-02-0		
Nickel plated brass		CuZn40Pb2	≤ 1,62%	
	Copper	7440-50-8		
	Zinc	7440-66-6		
	Nickel	7440-02-0		
Polycarbonate PC		24936-68-3	≤ 69,92%	Halogen free
	Bisphenol A	80-05-7		
	Phosgene	75-44-5		
Polyamide 6 GF30			≤ 5,38%	Halogen free
	Aminocapronacid	60-32-2	≤ 3,766%	
	Glass fiber	65997-17-3	≤ 1,614%	
Polyamide 66 GF30			≤ 1,08%	Halogen free
	Aminocapronacid	60-32-2	≤ 0,756%	
	Glass fiber	65997-17-3	≤ 0,324%	
Polyamide 6 GF20			≤ 12,95%	Halogen free
	Aminocapronacid	60-32-2	≤ 10,36%	
	Glass fiber	65997-17-3	≤ 2,59%	
Polycarbonate GF10			≤ 8,42%	Halogen free
	Bisphenol A	80-05-7		
	Phosgene	75-44-5		
	Glass fiber	65997-17-3	≤ 0,842%	
Fe		7439-89-6	≤ 0,44%	
Stainless steel		X9CrNi18-8, 1.4310	≤ 2,90%	
	Carbon	7440-44-0		
	Chrome	7440-47-3		
	Nickel	7440-02-0		

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

Arsenic and its compounds	☐ Yes	☒ No
Brominated flame retardants	☐ Yes	☒ No
PFOA (perfluoroctaneacids)	☐ Yes	☒ No
PFOS (perfluorooctane sulfonate)	☐ Yes	☒ No
Organotin compounds	☐ Yes	☒ No
Biocidal product applied on products (surface treatments) to provide a disinfectant or anti-bacterial effect.	☐ Yes	☒ No
Medium chain chlorinated paraffins (C14-C17)	☐ Yes	☒ No

Nanomaterials

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Does the product contain any nanomaterial that has been purposefully added to achieve a specific function?	☐ Yes	☒ No
If yes, specify the material.		

Recycling

Does the product contain any recycled material?	☐ Yes	☒ No

If Yes, specify in the material in Table 3.

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

Has an active effort been taken to minimize the energy consumption in production?	☒ Yes	☐ No
If yes, describe the type of efforts made:	*ABB WA conducts an ongoing optimization of production in order to minimize energy consumption.*	

Has an active choice been made, regarding the electricity supplier, in order to promote electricity production from renewable energy sources?	☒ Yes	☐ No
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:	*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 combination of hydropower (70%)*	

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	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?	☒ Yes	☐ No
Does the supplier apply any systems involving multi-use packaging for the product?	☐ Yes	☒ No
Does the supplier take back packaging for the product?	☐ Yes	☒ No
Is the supplier affiliated to REPA?	☒ Yes	☐ No
Are the products packages in compliance with Directive 94/62/EC?	☒ Yes	☐ 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?	☐ Yes	☒ No
Are there any special requirements for adjacent building products because of this product?	☐ Yes	☒ No

Use

Are there any operating/care instructions for the product?	☐ Yes	☒ No
Is the product energy labelled in accordance with the Energy Labelling Directive (2010/30/EU)?	☐ Yes ☒ Not relevant	☐ 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?	☒ Yes	☐ No
Is energy recycling possible for all or parts of the product when it becomes waste?	☒ Yes	☐ 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)?	☒ Yes	☐ No
If "yes", please specify	*The products are designed taking in consideration the whole lifecycle.*	
Is material recycling possible for all or parts of the product when it becomes waste?	☒ Yes	☐ No
If "yes", please specify	*All of the materials present in the product are recyclable.*	

Indore environment

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

Is the article (or chemical product) intended for indoor use?	☒ Yes	☐ No
If yes, has emission data been produced for volatile organic compounds?	*The products do not produce emissions.*	

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).

Marko Utriainen, LPG Manager 24.7.20

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.

Material number	Material description	E-number	Technical description
2TKA00000133	ACA001		Push Switch
2TKA00001236	1065A4P		Switch 5, Kosti, Surface mounting
2TKA00001288	1066A4P		Switch 6, Jussi
2TKA00001598	1065A-84	1816107	Switch 5, Impressivo, 2 X-terminals, white
2TKA00001599	1065A-81	1816108	Switch 5, Impressivo, 2 X-terminals, anthracite
2TKA00001600	1065A-83	1816109	Switch 5, Impressivo, 2 X-terminals, aluminium
2TKA00001601	1066A-84	1816110	Switch 6, Impressivo, 2 X-terminals, white
2TKA00001602	1066A-81	1816111	Switch 6, Impressivo, 2 X-terminals, anthracite
2TKA00001603	1066A-83	1816112	Switch 6, Impressivo, 2 X-terminals, aluminium
2TKA00001604	1461A-84	1816113	Push switch 1, Impressivo, 2 X-terminals , white
2TKA00001605	1461A-81	1816114	Push switch 1, Impressivo, 2 X-terminals anthracite
2TKA00001606	1461A-83	1816115	Push switch 1, Impressivo, 2 X-terminals , aluminium
2TKA00001840	1062A-84	1816128	Switch 2, Impressivo, 2 X-terminals, white
2TKA00001841	1062A-81		Switch 2, Impressivo, 2 X-terminals, anthracite
2TKA00001842	1062A-83		Switch 2, Impressivo, 2 X-terminals, aluminium
2TKA00001843	10666A-84	1816131	Switch 6+6, Impressivo, no X-terminals, white
2TKA00001844	10666A-81	1816132	Switch 6+6, Impressivo, no X-terminals, anthracite
2TKA00001845	10666A-83	1816133	Switch 6+6, Impressivo, no X-terminals, aluminium
2TKA00001846	1067A-84	1816134	Switch 7, Impressivo, 2 X-terminals, white
2TKA00001847	1067A-81	1816135	Switch 7, Impressivo, 2 X-terminals, anthracite
2TKA00001848	1067A-83	1816136	Switch 7, Impressivo, 2 X-terminals, aluminium
2TKA00001849	10631A-84	1816137	Switch 1+1+1, Impressivo, 2 X-terminals, white
2TKA00001850	10631A-81	1816138	Switch 1+1+1, Impressivo, 2 X-terminals, anthracite
2TKA00001851	10631A-83	1816139	Switch 1+1+1, Impressivo, 2 X-terminals, aluminium
2TKA00002385	1066A-84P		Switch 6, Jussi, white
2TKA00002387	1065A-84P		Switch 5, Jussi, white
2TKA00002614	1062A4P		Switch 2, Jussi, surface mounting
2TKA000126G1	1061A4		Switch 1, Surface mounting
2TKA000133G1	10621A4	1817179	Switch 2+1, Jussi, Surface mounting
2TKA000136G1	1062A4	1817178	Switch 2, Jussi, Surface mounting

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2TKA000137G1	1062AK4		Switch 2, Jussi, Surface mounting
2TKA000148G1	10631A4	1817176	Switch 1+1+1, Jussi, no X-terminals
2TKA000163G1	1065A4	1817166	Switch 5, Jussi, 2 X-terminals
2TKA000181G1	10666A4		Switch 6+6, Jussi, no X-terminals
2TKA000190G1	1066A4	1817161	Switch 6, Jussi, 2 X-terminals
2TKA000203G1	1067A4	1817171	Switch 7, Jussi, 2 X-terminals
2TKA000237G1	1466AK4	1817150	Push switch 6, Jussi, N-terminal

Table 1. Products covered by the Building product declaration.

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