



ABB WIRING ACCESSORIES, FINLAND, 1 JANUARY 2019

Building product declaration

Byggvarudeklaration

ABB Document ID:	2TVD100353
Document creation date:	30.9.2019
Product group description:	Flush mounting switches

Revision

Modified (Date)	User (Name)	Changes done
14.10.2019	Ella Helynranta	Fe-Zn, stainless steel, X10CrNi and both nickel plated brasses contents specified

Supplier/Manufacturer information

Supplier:	ABB Wiring Accessories
VAT-number:	FI07634030
Contact person:	Marie-Sofie Seger
Address:	Porvoon Sisäkehä 2, 06100, Porvoo, Finland
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			≤ 6,50%	
	Copper	7440-50-8	≤ 5,525%	
	Tin	7440-31-5	≤ 0,975%	
Fe-Zn			≤ 49,65%	
	Iron	7439-89-6	≤ 48,15%	

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	Zinc	7440-66-6	≤ 1,50%	
AgZn08PW25			≤ 0,25%	
Nickel plated brass		CuZn37	≤ 4,86%	
	Copper	7440-50-8	≤ 3,11%	
	Zinc	7440-66-6	≤ 1,71%	
	Nickel	7440-02-0	≤ 0,015%	
Nickel plated brass		CuZn40Pb2	≤ 1,71%	
	Copper	7440-50-8	≤ 1,01%	
	Zinc	7440-66-6	≤ 0,639%	
	Nickel	7440-02-0	≤ 0,005%	
Polycarbonate PC		24936-68-3	≤ 44,53%	Halogen free
	Bisphenol A	80-05-7		
	Phosgene	75-44-5		
Polyamide 6 GF30			≤ 5,62%	Halogen free
	Aminocapronacid	60-32-2	≤ 3,934%	
	Glass fiber	65997-17-3	≤ 1,686%	
Polyamide 66 GF30			≤ 1,12%	Halogen free
	Aminocapronacid	60-32-2	≤ 0,784%	
	Glass fiber	65997-17-3	≤ 0,336%	
Polyamide 6 GF20			≤ 13,52%	Halogen free
	Aminocapronacid	60-32-2	≤ 10,816%	
	Glass fiber	65997-17-3	≤ 2,704%	
Polycarbonate GF10			≤ 9,17%	Halogen free
	Bisphenol A	80-05-7		
	Phosgene	75-44-5		
	Glass fiber	65997-17-3	≤ 0,917%	
Fe		7439-89-6	≤ 5,34%	
HDPE			≤ 4,73%	Halogen free
Stainless steel		X9CrNi18-8, 1.4310	≤ 2,94%	
	Carbon	7440-44-0	≤ 0,0035%	
	Chrome	7440-47-3	≤ 0,56%	
	Nickel	7440-02-0	≤ 0,279%	
X10CrNi			≤ 1,43%	
	Chrome	7440-47-3	≤ 0,272%	
	Nickel	7440-02-0	≤ 0,136%	

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

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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

Nanomaterials

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

Recycling

Does the product contain any recycled material?	<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 (%) <i>of the recycled material that has not reached the consumer level, such as production waste, etc. (pre-consumer)</i>	Percentage (%) <i>of the recycled material that has reached the consumer level (post-consumer)</i>	Comments

Production

Energy efficiency

Has an active effort been taken to minimize the energy consumption in production?	<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>	
Has an active choice been made, regarding the electricity supplier, in order to promote electricity production from renewable energy sources?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

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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%) 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 type="checkbox"/> No |
| | <input checked="" type="checkbox"/> Not relevant | |

Reference service life estimated as being approx. \geq 25 Years

Disassembly

Does the product require any special measures to protect health and environment during demolition/disassembly? Yes No

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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
- 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 Utrianen, 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
2TKA00000402	10621UC-81	1816540	Switch 2+1, Impressivo, no X-terminals, anthracite
2TKA00000403	10621UC-83	1816541	Switch 2+1, Impressivo, no X-terminals, aluminium
2TKA00000404	10621UC-84	1816542	Switch 2+1, Impressivo, no X-terminals, white
2TKA00000407	1062UC-84	1816545	Switch 2, Impressivo, 2 X-terminals, white
2TKA00000410	10631UC-84	1816548	Switch 1+1+1, Impressivo, no X-terminals, white
2TKA00000413	1065UC-84	1816551	Switch 5, Impressivo, 2 X-terminals, white
2TKA00000416	1066UC-84	1816557	Switch 6, Impressivo, 2 X-terminals, white
2TKA00000419	10666UC-84	1816554	Switch 6+6, Impressivo, no X-terminals, white
2TKA00000422	1067UC-84	1816560	Switch 7, Impressivo, 2 X-terminals, white
2TKA00000430	1466UC-84	1816569	Push switch 6, Impressivo, 1N terminal, white
2TKA00000988	1466U-BV		Push switch 6, Jussi, Bravida
2TKA00001102	1066UCM-84		Switch 6, Imperssivo, white
2TKA00001154	10631UP		Switch 1+1+1
2TKA00001155	1065-81P		Switch 5, anthracite
2TKA00001217	1065-83P		Switch 5, aluminium
2TKA00001231	1065-84P		Switch 5, white
2TKA00001266	1065UP		Switch 5, Jussi, Flush mounting
2TKA00001267	1066-81P		Switch 6 , anthracite
2TKA00001268	1066-83P		Switch 6 , aluminium
2TKA00001269	1066-84P		Switch 6 , white
2TKA00001290	1066UP		Switch 6, Jussi, 2 X-terminals
2TKA00001292	1067UP		Switch 7, Jussi, 2 X-terminals
2TKA00001492	10666UP		Switch 6/6, Jussi
2TKA00002241	1061UM		Switch 1, Jussi, no X-terminals
2TKA00002331	1066UM		Switch 6, Jussi, no X-terminals
2TKA00002332	1065UM		Switch 5, Jussi
2TKA00002616	1065U4P		Switch 5, Jussi
2TKA00002618	1062U4P		Switch 2, Jussi
2TKA00002620	10621U4P		Switch 2+1, Jussi
2TKA00002652	10631U4P		Switch 1+1+1, Jussi
2TKA00002654	1067U4P		Switch 7, Jussi
2TKA00002656	1066U4P		Switch 6, Jussi

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2TKA00002657	1066U4P		Switch 6/6, Jussi
2TKA00003581	1065U4PP		Switch 5, Jussi, 2 X-terminals
2TKA00003582	10666U4PP		Switch 6+6, Jussi, no X-terminals
2TKA00003583	1066U4PP		Switch 6, Jussi, 2 X-terminals
2TKA000127G1	1061U		Switch 1, Jussi, no X-terminals
2TKA000128G1	1061U4	1815001	Switch 1, Jussi, no X-terminals
2TKA000134G1	10621U2	1815041	Switch 2+1, Jussi, no X-terminals
2TKA000135G1	10621U4	1815042	Switch 2+1, Jussi, no X-terminals
2TKA000139G1	1062U		Switch 2, Jussi, 2 X-terminals
2TKA000140G1	1062U2	1815006	Switch 2, Jussi, 2 X-terminals
2TKA000141G1	1062U4	1815007	Switch 2, Jussi, 2 X-terminals
2TKA000143G1	1062UK		Switch 2, Jussi, no X-terminals, red lens, incl.lamp
2TKA000144G1	1062UK2	1815062	Switch 2, Jussi, no X-terminals, incl.lamp
2TKA000145G1	1062UK4		Switch 2, Jussi, no X-terminals, incl.lamp
2TKA000149G1	10631U		Switch 1+1+1, Jussi, no X-terminals
2TKA000150G1	10631U2	1815036	Switch 1+1+1, Jussi, no X-terminals
2TKA000151G1	10631U4	1815037	Switch 1+1+1, Jussi, no X-terminals
2TKA000156G1	1063U2	1815011	Switch 3, Jussi, no X-terminals
2TKA000167G1	1065U		Switch 5, Jussi, no X-terminals
2TKA000168G1	1065U.1		Switch 5, Jussi, 2 X-terminals
2TKA000169G1	1065U2	1815016	Switch 5, Jussi, 2 X-terminals
2TKA000170G1	1065U4	1815017	Switch 5, Jussi, 2 X-terminals
2TKA000173G1	1065UW-84	1815908	Switch 5, Impressivo, no X-terminals
2TKA000178G1	10662U4		Switch 6/6, Flush mounting
2TKA000182G1	10666U		Switch 6/6, Jussi, no X-terminals
2TKA000183G1	10666U2	1815026	Switch 6/6, Jussi, no X-terminals
2TKA000184G1	10666U4	1815027	Switch 6/6, Jussi, no X-terminals
2TKA000194G1	1066U		Switch 6, Jussi, 2 X-terminals
2TKA000195G1	1066U2	1815021	Switch 6, Jussi, 2 X-terminals
2TKA000196G1	1066U4	1815022	Switch 6, Jussi, 2 X-terminals
2TKA000197G1	1066UK		Switch 6, Jussi, N-terminal, red lens, incl. lamp
2TKA000198G1	1066UK2	1815064	Switch 6, Jussi, N-terminal, incl lamp
2TKA000200G1	1066UW-84	1815909	Switch 6, Impressivo, no X-terminals
2TKA000205G1	1067U		Switch 7, Jussi, 2 X-terminals
2TKA000206G1	1067U2	1815031	Switch 7, Jussi, 2 X-terminals
2TKA000207G1	1067U4	1815032	Switch 7, Jussi, 2 X-terminals
2TKA000231G1	1465U		Push switch, Jussi, no X-terminals, 16A,
2TKA000232G1	1465U2	1815048	Push switch 5, Jussi, no X-terminals
2TKA000233G1	1465U4	1815049	Push switch 5, Jussi, no X-terminals
2TKA000239G1	1466U		Push switch, Jussi, N-terminal

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2TKA000240G1	1466U2		Push switch 6, Jussi, no X-terminals
2TKA000242G1	1466UGL2	1815046	Push switch 6, Jussi, no X-terminals, incl lamp
2TKA000243G1	1466UGL4	1815047	Push switch 6, Jussi, no X-terminals, incl lamp
2TKA000244G1	1466UK2	1815050	Push switch 6, Jussi, N-terminal, incl lamp
2TKA000245G1	1466UP	1815052	Push switch 6, Jussi, N-terminal

Table 1. Products covered by the Building product declaration.

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