



ABB WIRING ACCESSORIES, FINLAND, 1 JANUARY 2019

Building product declaration

Byggvarudeklaration

ABB Document ID:	2TVD100290
Document creation date:	18.2.2019
Product group description:	Socket outlet unit

Revision

Modified (Date)	User (Name)	Changes done
10.4.2019	Marie-Sofie Seger	Copper cable plastic CAS number corrected. Nickel amount added in nickel plated brass. Bisphenol A amount added.
10.5.2019	Marie-Sofie Seger	Declaration of contents completed. Specifications regarding ABB WA energy contract added.
20.1.2020	Ella Helynranta	Product list and material content updated, and energy use in production 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 listed above)

Included material	Constituent substances	EG No. /CAS No.	Weight-% (of the product)	Comments (state any application of non-harmonized classifications)
Galvanized steel		Fe-Zn	2,61-1,90%	
	Iron	7439-89-6	1,84-2,54%	
	Zinc	7440-66-6	0,06-0,08%	
Nickel plated brass		CuZn37	13,17-17,01%	
	Copper	7440-50-8	8,43-10,89%	
	Zinc	7440-66-6	4,70-6,07%	

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	Nickel	7440-02-0	0,04-0,05%	
Polyamide 6 GF20			6,55-9,02%	Halogen free
	Glass fiber	65997-17-3	1,31-1,8%	20% of polyamide 6
Polycarbonate PC		24936-68-3	28,64-33,96%	Halogen free
	Bisphenol A	80-05-7	< 0,002%	
	Phosgene	75-44-5		
Stainless steel		X12CrNi17.7, 1.4310	0,95-5,51%	
	Iron	7439-89-6	0,54-3,12%	
	Chrome	7440-47-3	0,17-0,99%	
	Nickel	7440-02-0	0,09-0,5%	
	Carbon	7440-44-0	0,11-0,66%	
	Silicon	7440-21-3	0,01-0,08%	
	Manganese	7439-96-5	0,02-0,11%	
	Molybdenum	7439-98-7	0,01-0,04%	
Polyamide 66 GF30			0,46-0,64%	Halogen free
	Glass fiber	65997-17-3	0,14-0,19%	30% of polyamide 66
Polyamide 6.6			3,09-9,04%	Halogen free
Copper cable with plastic cover			8,39-11,55%	
	Copper	7440-50-8	5,96-8,20%	
	Polyethylene	9002-88-4	2,43-3,35%	Halogen free
Polypropylene GF20			21,93-25,61%	Halogen free
	Glass fiber	65997-17-3	4,39-5,12%	20% of polypropylene

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

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
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If yes, specify the material.

Recycling

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

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%) and wind power and solar power (30%). The energy source is valid for injection moulding, assembly and packaging of the products done at ABB WA factory in Porvoo.*

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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?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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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.	≥ 25 Years
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Disassembly

Does the product require any special measures to protect health and environment during demolition/disassembly?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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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 |
| When the supplied product becomes waste, is it classified as hazardous waste? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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
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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.

Table 1. Products covered by the Building product declaration.

Material number	Material description	E-number	Technical description
2TKA00000813	AUD11-214		Socket outlet unit, ProDuct, 2xShuko, white
2TKA00000815	AUD11-214D		Socket outlet unit, ProDuct, 2xShuko, "DATA", white
2TKA00000817	AUD12-214	1174585	Socket outlet unit, 4xShuko, white ProDuct
2TKA00000819	AUD12-214D		Socket outlet unit, ProDuct, 4xShuko, "DATA", white
2TKA00000821	AUD13-214		Socket outlet unit, ProDuct, 6xShuko, white
2TKA00000823	AUD13-214D		Socket outlet unit, ProDuct, 6xShuko, "DATA", white
2TKA00000825	AUD14-214		Socket outlet unit, 8xShuko, white ProDuct

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