

ABB WIRING ACCESSORIES, FINLAND, 1 JANUARY 2019

Building product declaration

Byggvarudeklaration

ABB Document ID:	2TVD100356
Document creation date:	9.10.2019
Product group description:	Flush Mounting Boxes

Revision

Modified (Date)	User (Name)	Changes done
17.12.2019	Ella Helynranta	Product list and material content updated, and energy use in production specified
17.3.2022	Ella Helynranta	Material content updated overall, and the overall declaration content updated according to Byggvarubedömningen's criteria version 6

Supplier/Manufacturer information

Supplier:	ABB Wiring Accessories
VAT-number:	FI07634030
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The company possesses certification in compliance with:

ISO 9001

ISO 14001

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Appendix:

Appendix I: Product list

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
Do the products contain at least 2% wood?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Do the products contain electronics and/or cables?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Do the products belong to a product group with requirements for energy labelling?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Do the products contain plastic and/or rubber details in contact with skin?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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
Do the product/products or any of its/their subcomponents contain so called Substances of Very High Concern (SVHC), which are included in the Candidate List at a concentration ≥ 0.1 weight%?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Do the product/products have a SCIP ID (Appendix I)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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 criteria for chemical content and lifecycle aspects, Version 6.0. Valid from 2021-07-01.

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 6.1.7. Date: 2021-09-27.

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 3.11 • 09 March 2016 – 31 December 2022.

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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)
Polypropylene GF22		9003-07-0	73,24%	Halogen free
	Glass fiber	65997-17-3	16,11%	
	Amino phosphate		7,32%	
Polyamide 6 GF25		25038-54-4	8,98%	Halogen free
	Glass fiber	65997-17-3	2,25%	
	Carbon Black	1333-86-4	<0,27%	
Polypropylene PP		9003-07-0	7,70%	Halogen free
	Calcium carbonate	1317-65-3	3,08%	
Recycled Polypropylene, PP		9003-07-0	6,42%	Halogen free
Unclassified pigments			<1,13%	
Galvanized steel		Full hard 800	2,33%	
	Iron	7439-89-6	1,44%	
	Manganese	7439-96-5	0,46%	
	Carbon	7440-44-0	0,28%	
	Aluminium	7429-90-5	0,09%	
	Sulfur	7704-34-9	0,02%	
	Phosphorus	7723-14-0	0,02%	
	Zinc	7440-66-6	0,02%	
Carbon steel		Grade 10.9	0,19%	
	Iron	7439-89-6	0,07-0,15%	
	Carbon	7440-44-0	0,04-0,10%	
	Zinc	7440-66-6	0,01%	
	Phosphorus	7723-14-0	<0,005%	
	Sulfur	7704-34-9	<0,005%	
	Boron	7440-42-8	<0,001%	

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
Per- and polyfluoroalkyl substances (PFAS)	<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

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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 (%) <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
Recycled Polypropylene, PP		100%	

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

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injection moulding, assembly and packaging of the products done at ABB WA factory in Porvoo.

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
- Are the products packages in compliance with Directive 94/62/EC? Yes No

Is the supplier affiliated to a system of producer responsibility for packaging? Yes No

If yes, which one?

RINKI Ltd

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 No 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

If "yes", please specify

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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)?	<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

What is the area of use for the article (or chemical product)?	<input checked="" type="checkbox"/> Indoor	<input type="checkbox"/> Outdoor
	<input type="checkbox"/> Sanitary room	
<i>If yes for indoor, 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).

Marko Utriainen / LPG Manager

 **MARKO UTRIAINEN** 21.3.2022
LPG MANAGER

Name, signature, title & date

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