

ABB WIRING ACCESSORIES, FINLAND, 1 FEBURARY 2021

Building product declaration

Byggvarudeklaration

ABB Document ID:	2TVD100420
Document creation date:	16.9.2021
Product group description:	Conduit bends

Revision

Modified (Date)	User (Name)	Changes done
12.11.2021	Ella Helynranta	Polypropylene corrected to Polycarbonate, and adhesive information added
26.4.2022	Ella Helynranta	Additional products added, and the overall declaration content updated according to Byggvarubedömningens criteria version 6
28.4.2022	Ella Helynranta	Energy details updated
11.10.2022	Ella Helynranta	Content checked according to Byggvarubedömningens criteria version 7.1
17.11.2022	Ella Helynranta	Control date for REACH SVHC candidate list added
15.12.2022	Ella Helynranta	REACH SVHCH candidate list checked for June 2022 update

Supplier/Manufacturer information

Supplier:	ABB Wiring Accessories
VAT-number:	FI07634030
Contact person:	Ella Helynranta
Address:	Porvoon Sisäkehä 2, 06100, Porvoo, Finland
E-mail:	ella.helynranta@fi.abb.com
Phone number:	+358503359482
Company website:	http://www.installationmaterials.com

The company possesses certification in compliance with:

ISO 9001

ISO 14001

Appendix:

For more information please contact:

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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%? <i>Date of control: 5.12.2022</i>	<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 7.1. Valid from 2022-10-01.

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 3.7 • 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)

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Included material	Constituent substances	EG No. /CAS No.	Weight-% (of the product)	Comments (state any application of non-harmonized classifications)
PC/ABS			99,99-100%	Halogen free
	Polycarbonate, PC	103598-77-2	70-80%	
	Aromatic polyphosphate	181028-79-5	12-16%	
	Acrylonitrile/butadiene/styrene resin, ABS	9003-56-9	10-15%	
Pressure-sensitive adhesive			<0,01%	Solvent free

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

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

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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>In 2021 ABB WA was part of ABB's Mission to Zero – project which resulted in the increased of the total energy efficiency by 21% with the help of onsite heat recovery, geothermal system, and solar power.</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
<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 Porvoo factory is carbon neutral. ABB WA buys electricity from energy supplier, Gasum, which energy sources are 100% renewable and free of direct carbon dioxide emissions (Directive 2018/2011). The contract was made in 2021 and is ongoing. The energy source is a combination of hydropower (50%) and wind power (50%). The energy source is valid for injection moulding, assembly and packaging of the products done at ABB WA factory in Porvoo.</i>	

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
Are the products packages in compliance with Directive 94/62/EC?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Is the supplier affiliated to a system of producer responsibility for packaging?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, which one?</i>	RINKI Ltd	

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? 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. ≥ 25 Years

Demolition

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

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.

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Indore environment

Has the product a critical moisture condition?

Yes

No

What is the area of use for the article (or chemical product)?

Indoor

Outdoor

Sanitary room

If yes for indoor, 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, PPC Manager

15.12.2022

Name, signature, title & date

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