



ABB WIRING ACCESSORIES, FINLAND, 1 OCTOBER 2019

# Building product declaration

## Byggvarudeklaration

ABB Document ID:	2TVD100380
Document creation date:	28.2.2020
Product group description:	Junction boxes

### 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:	<a href="mailto:marie-sofie.seger@fi.abb.com">marie-sofie.seger@fi.abb.com</a>
Phone number:	+358503357717
Company website:	<a href="http://www.installationmaterials.com">http://www.installationmaterials.com</a>

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   | <input checked="" type="checkbox"/> Article | <input type="checkbox"/> Chemical      |
| 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 |
| Are the products in compliance with REACH Regulation (EC) No 1907/2006?   | <input checked="" type="checkbox"/> Yes     | <input 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 5.0. Valid from 2019-07-01.

### 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 6.1.5. Date: 2019-10-03.

### 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 3.8 • 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)
<b>Polypropylene PP</b>		9003-07-0	84,25-88,02%	Halogen free
<b>SEBS</b>		124578-11-6	11,98-15,03%	Halogen free
<b>Polyester</b>		113669-97-9	0-1,95%	Halogen free
<b>Galvanized steel</b>		Fe-Zn	0-1,97%	
	Iron	7439-89-6	0-1,91%	
	Zinc	7440-66-6	0-0,06%	

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**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**

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

**Recycling**

<b>Does the product contain any recycled material?</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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*If Yes, specify in the material in Table 3.*

*Table 3. List of recycled material included in the product.*

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

**Production**

**Energy efficiency**

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

<b>Are the packages recyclable?</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>Enter the proportion of recycled material, included in the packaging.</i>		

### 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		

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Labelling Directive (2010/30/EU)?

Yes  No  
 Not relevant

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

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 Utrajinen, LPG Manager

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	SE E-number	Technical description
2TKA00001443	AP10P		Surface-mounted junction box, IP55
2TKA00001445	AP7P		Junction box, IP44
2TKA00001446	AP9MP		Surface-mounted junction box, black
2TKA00001447	AP9P		Surface-mounted junction box, IP55
2TKA00001563	AP9R	1438438	Surface-mounted junction box, IP55, 86 x 86 mm, red
2TKA00001564	AP9V	1438439	Surface-mounted junction box, IP65, 86 x 86 mm, green
2TKA00002379	AP9VP		Surface-mounted junction box AP9, green
2TKA00002381	AP9RP		Surface-mounted junction box AP9, red
2TKA001698G1	AP10/G.CH		Surface-mounted junction box
2TKA00004261	AP10M		Surface-mounted junction box, IP65, 104 x 104mm, black
2TKA001699G1	AP10/W.CH		Surface-mounted junction box
2TKA001700G1	AP10PP		Junction box IP55
2TKA001703G1	AP7PP		Junction box IP44
2TKA001704G1	AP9/G.CH		Surface-mounted junction box
2TKA001705G1	AP9/W.CH		Surface-mounted junction box
2TKA001706G1	AP9MPP		Junction box, IP55, black
2TKA001707G1	AP9PP		Junction box IP65
2TKA140002G1	AP10	1438402	Surface-mounted junction box, IP65, 104 x 104mm, white
2TKA140003G1	AP10/G	1438279	Junction box IP65, grey
2TKA140008G1	AP7	1438403	Junction box, IP44, Ø 115 mm, white
2TKA140010G1	AP75	1438410	Surface-mounted junction box, white 75 x 75 mm
2TKA140012G1	AP9	1438400	Surface-mounted junction box, IP65, 86 x 86 mm, white
2TKA140013G1	AP9M	1438408	Surface-mounted junction box, IP65, 86 x 86 mm, black
2TKA140014G1	AP9/G	1438198	Surface-mounted junction box IP65, 86 x 86 mm, grey

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