Building product declaration 2015

according to BPD associations' standardised format eBVD2015

UltraLink Controller

1. BASIC DATA

Document data

Id:

A-7300009-00795-0-187

Version:

5

Created:

2019-04-30 05:31:57

Last saved:

2019-04-30 05:32:28

Changes relates to:

Declaration of contents

UltraLink Controller

Article name:

UltraLink Controller

Article No/ID concept

Article identity: GTIN

FTCU

Product group/Product group classification

Product group system	Product group id
BK04	21002
BSAB96	Q
BSAB96	QJJ

Article description:

UltraLink Controller (FTCU) is used to control air flow and measure temperature. The air flow measurement technique is based on ultrasonic sensors. Which means that no insertion parts in the air flow are needed that can collect dirt and provide uncertain air flow accuracy - which provides unique benefi
FTCU consists of a duct with sensors, controlled damper and display.
This declaration is for damper equipped with motor type LM-A.
Assessments at SundaHus and Byggvarubedömningen etc. are registered under the name "UltraLink FTCU". It is also possible to use the article name as search criteria.

Declarations of performance:

Not applicable

Declaration of performance number:

Other information:

Lindab Sverige AB

Company name:

Lindab Sverige AB

Organisation number:

556247-2273

Address:	Contact person:
Järnvägsgatan 41	Matilda Isaksson
E-mail:	Telephone:
matilda.isaksson@lindab.com	+46 72 353 44 61
VAT number:	Website:
SE556247227301	www.lindab.se
GLN:	DUNS:

Environmental certification system

- [x] BREEAM
- [x] BREEAM-SE
- [x] LEED 2009
- [x] LEED version 4
- [x] Miljöbyggnad (Swedish certifica

References

Reference
Widman J "Stålet och miljön". Stålbyggnadsinstitutet-Jernkontoret, Stockholm (2001)

Annexes

Annex
https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/Diakon®_ST35G8_Da
https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/CYCOLOY™_C1200H
https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/SGS_Test-report_IT-1
https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/SGS_Test-report_GDM
https://itsolution.lindab.com/lindabwebproductsdoc/pdf/documentation/ADS/lindab/RoHS/Lindab_RoHS_Ventilation_Products.pdf
https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/Belimo_Spjällmotorer_

2. SUSTAINABILITY WORK

Company's certification

- [x] ISO 9001
- [x] ISO 14001

Other:

Policies and guidelines

- [x] The company has a code of conduct/policy/guidelines for dealing with social responsibility in the supplier chain, including produces for ensuring the requirements
- [ ] This is third-party audited

If yes, which if the following guidelines have you affiliated to or management system you have implemented

- [ ] UN guiding principles for companies and human rights
- [ ] ILO's eight core conventions
- [ ] OECD Guidelines for Multinational Enterprises
- [x] UN Global Compact
- [x] ISO 26000

Other policy guidelines

Management system

If you have a management system for corporate social responsibility, what out of the following is included in the work?

- [x] Mapping
- [x] Risk analysis
- [ ] Action plan
- [ ] Monitoring

Sustainability reporting guidelines:

GRI - Global Reporting Initiative

3. DECLARATION OF CONTENTS

Chemical content

Enter chemical content for the whole article. The concentration is calculated at component level according to the principle of “once an article always an article”.

Is there a safety data sheet for the article?

Not applicable

Is there classification of the article?

Not applicable

Enter which version of the candidate list has been used (Year, month, day)

For complex products, the concentration of included substances has been calculated at:

whole construction product

The article is covered by the RoHS Directive:

Yes

Enter the weight of the article:

Enter how large a proportion of the material content has been declared [%]:

100

If the article contains nanomaterials deliberately added to obtain a particular function, enter these here:

The product does not contain deliberately added nanomaterial

Is the article registered in Basta?

Yes

Enter the proportion of volatile organic substances [g/litre], applies only to sealants, paints, varnishes and adhesives:

Other information:

Article and/or sub-components

Phase Delivery

Component Cable access **Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Plastic	PVC	=0.03	9002-86-2	☐	☐

Component Glas display, fiber optic **Weight% of product**

Comment See attached datasheet

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Plastic Diakon ST35G8 Ac	PMMA	=0.19	9011-14-7	☐	☐

Component Housing Bott, housing disp **Weight% of product**

Comment See attached datasheet

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Plastic Cycoloy C1200HF	ABS	=1.09	9003-56-9	☐	☐
Plastic Cycoloy C1200HF	PC	=1	111211-39-3	☐	☐

Component Motor **Weight% of product**=18.95

Comment See attachments from Belimo for more info on motor

Component Outer cover, console, blade **Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Galvanized steel	=73.57	EN 10346:2015	☐	☐

Component Plastic parts **Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Polyamide	=0.32	32131-17-2	☐	☐

Component Print **Weight% of product**

Comment See attached test reports for more information about the PCB.

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Electronics	Aluminium	<0.016	7429-90-5	☐	☐
Electronics	Brass	<0.01	12597-71-6	☐	☐

Electronics	Ceramics	=0.015	66402-68-4	☐	☐
Electronics	Copper	=0.03	7440-50-8	☐	☐
Electronics	Epoxy resin	<0.01	61788-97-4	☐	☐
Electronics	Glas fiber	=0.011	-	☐	☐
Electronics	Iron	=0.025	7439-89-6	☐	☐
Electronics	Nickel	<0.01	7440-02-0	☐	☐
Electronics	Other	<0.01	-	☐	☐
Electronics	Phenol resin	<0.01	9003-35-4	☐	☐
Electronics	Polyamide	=0.25	63428-84-2	☐	☐
Electronics	Silica	=0.21	7631-86-9	☐	☐
Electronics	Silicon	<0.01	7440-21-3	☐	☐
Electronics	Tin	<0.01	7440-31-5	☐	☐
Electronics	Zinc	<0.01	7440-66-6	☐	☐
PCB	Copper	=0.083	7440-50-8	☐	☐
PCB	Epoxy resin	=0.74	61788-97-4	☐	☐
PCB	Nickel	<0.01	7440-02-0	☐	☐
PCB	TBBPA	=0.12	79-94-7	☐	☐

Component Safe sealing strip **Weight% of product**

Comment Health test performed without remarks.

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Rubber	EPDM	=1.16	25034-71-3	☐	☐
Rubber	Paraffin oil	=0.29	8012-95-1	☐	☐

Component Screws **Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Steel	=0.45	SS1312	☐	☐

Component Steel band **Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Steel	=0.69	AZ SS-EN 10215	☐	☐

Component Steel parts **Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Steel	=0.64	1.1141 / CK15	☐	☐

Component Transducer **Weight% of product**

Comment 7440-22-4, 7440-40-8, 7439-89-6

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Acoustic window - Eccofloa	Epoxy Resins	=0.001	61788-97-4	☐	☐
Acoustic window - Eccofloa	Hollow glass spheres	=0.001	65997-17-3	☐	☐
Coaxial cable RG179 – EN	PE	=0.08	9002-88-4	☐	☐
Coaxial cable RG179 – EN	PVC	=0.23	9002-86-2	☐	☐
Coaxial cable RG179 – EN	Silver plated copper clad steel	=0.06	7440-22-4	☐	☐
Coaxial cable RG179 – EN	Tinned Copper	=0.24	7440-31-5	☐	☐
PCB	Epoxy Resin	=0.01	61788-97-4	☐	☐
PCB	TBBPA	=0.01	79-94-7	☐	☐
Piezo ceramic disc	Lead Zirconate Titanate	=0.07	12626-81-2	☐	☐
Transducer Encapusulatio	Polyamide	=0.57	63428-84-2	☐	☐

Transducer house	Aluminium	=0.04	7429-90-5	☐	☐

4. RAW MATERIALS

Raw materials

Component	Material	Transport type
	Steel	Ship

Country of raw material extraction

Sweden

City of raw material extraction

-

Country of manufacture/production

City of manufacture/production

Comment

The steel raw material is produced at different smelting plants, mainly in the EU, according to the detailed specification of the current standard. The she

Total recycled material in the article

☑ Is recycled material included in the article?

Material

Steel

Proportion after the consumer stage	Proportion before the consumer sta	Weight/percent by weight
100	0	20 %

Comment

About 20% recycled material are being used in the production of steel.

Renewable material

Enter proportion of renewable material in the article (short cycle, less than 10 years):

0

Enter proportion of renewable material in the article (long cycle, more than 10 years):

0

☐ Included biobased raw material is tested according to ASTM test method D6866:

Is there supporting documentation for the raw materials for third-party certified system for control of origin, raw material extraction, manufacturing or recycling processes or similar (for example BES 6001:2008, EMS certificate, USGBC Program)? If yes, enter system(s):

No

Wood raw materials

☐ Wood raw materials are included

☐ Included wood raw material is certified

How large a proportion is certified [%]?

What certification system has been used (for example FSC, CSA, SFI with CoC, PEFC)?

Reference number:

Enter logging country for the wood raw material and that following criteria have been met. Country of logging:

☐ Does not contain type of wood or origin in CITES appendix of endangered species

☐ The timber has been logged legally and there is certification for this

5. ENVIRONMENTAL IMPACT

Environmental impact during life cycle of the article, production phase module A1-A3 under EN

☐ Has environmental product declaration been drawn up according to EN 15804 or ISO 14025 for the article?

These product-specific rules, known as PCR, have been applied:

Registration number / ID number for EPD:

Climate impact (GWP100) [kg CO2-eq]:

Ozone depletion (ODP) [kg CFC 11-eq]:

Acidification (AP) [kg SO2-eq]:

Ground-level ozone (POCP) [kg ethene-eq]:

Eutrophication (EP) [kg (PO4)-3-eq]:

Renewable energy [MJ]:

Non-renewable energy [MJ]:

If calculation has been made in Green Guide, enter which rating:

If there is environmental product declaration or other life cycle assessment, describe how the environmental impact of the article is taken into account from a life cycle perspective:

Country of final manufacture: Denmark
Transport: <99% truck, deliveries to the customer/branch, <1% electric forklift.
Climate impact from internal tranports: CO2 0,0025 kg, CH4 <0,0001 kg and N20 <0,0001 kg.

For information about raw materials, distribution, waste etc., see the other sections.

6. DISTRIBUTION

Distribution of finished article

Does the supplier use Retursystem Byggpall?

Yes

Does the supplier apply any system with multiple-use packaging for the article?

No

Does the supplier take back packaging for the article?

No

Is the supplier affiliated to a system for product responsibility for packaging?

Yes

If yes, which packaging and which system?

Förpacknings & Tidningsinsamlingen

Other information:

If possible products are packed together. The packaging materials include wood, cardboard, and plastic wrap.
All packaging consists of recyclable material, the cardboard Lindab uses for packaging consist of 97,5% recycled material. Wooden pallets are being reus
Shipments of manufactured goods are mainly transported by truck to the customer/branch. The average transporting distance is <500 km.

7. CONSTRUCTION PHASE

Construction phase

Does the article make special requirements in storage?

Yes

Specify

To prevent soiling and oxidation, the product should be stored protected from the weather.
See Lindab's product catalogue for more information.

Does the article make special requirements for surrounding building products?

No

Specify

Other information:

8. USE PHASE

Use phase

Does the article make requirements for input materials for operation and maintenance?

No

Specify:

Does the article require supply of energy during operation?

Not applicable

Specify:

Estimated technical service life for the article:

25 years

Comment:

Lifetime depends on the environment where the product is being used. Corrosive environments can affect the life of the product negatively. There is a sp

Is there energy labelling under the Energy Labelling Directive (2010/30/EU) for the article?

Not applicable

If yes, enter labelling (G to A, A+, A++, A+++):

Other information:

9. DEMOLITION

Demolition

Is the article prepared for disassembly (dismantling)?

Yes

Specify:

The parts can be separated.

Does the article require special measures for protection of health and environment in demolition/disassembly?

No

Specify:

Other information:

10. WASTE MANAGEMENT

Delivered article

Is the supplied article covered by the Ordinance (2014:1075) on producer responsibility for electrical and electronic products when it becomes waste?

No

Is reuse possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

The entire product can be reused.

Is material recovery possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

Metal and plastic can be recycled.

Is energy recovery possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

Heat recovery occurs at smelter.

Does the supplier have restrictions and recommendation for re-use, material or energy recovery or landfilling?

Yes

Specify:

Should be recycled according to recommended waste code.

Waste code for the delivered article when it becomes waste
170203 - 03 Plast.
170405 - 05 Järn och stål.
200136 - 36 Annan kasserad elektrisk och elektronisk utrustning än den som anges i 20 01 21, 20 01 23 och 20 01 35.

When the supplied article becomes waste, is it classified as hazardous waste?

No

Mounted article

Is the mounted article classified as hazardous waste?

No

Other information

11. INDOOR ENVIRONMENT

Indoor environment

- [ ] The article is not intended for indoor use
- [x] The article does not produce any emissions
- [ ] Emissions from the article not measured

Does the article have a critical moisture state?

No

If yes, state what:

Noise

Can the article give rise to own noise?

No

Value:

Unit:

Measuring method:

Electrical field

Can the article give rise to electrical fields?

No

Value:

Unit:

Measuring method:

Magnetic fields

Can the article give rise to magnetic fields?

No

Value:

Unit:

Measuring method:

Paints and varnishes

- [ ] The article is resistant to fungi and algae in use in wet areas

Emissions

The article produces the following emissions in intended use:

Other information