



Doc. no. 1SBD250167E1000
Rev. ind. A
Date 2013-02-04
From Gaelle Frier
Dept. FRCTL
Phone +33 (0) 4 72 22 18 63
E-mail gaelle.frier@fr.abb.com

Environmental Information

The purpose of this document is to provide environmental information requested in the procedure for Industrial ^{IT} Enabled level 0.

Product name	AF...ZB, NF..ZB
ABB FRANCE Identity number	1SBL137061Rxxxx, 1SBL137261Rxxxx, 1SBL137561Rxxxx 1SBL136061Rxxxx, 1SBL136261Rxxxx, 1SBL136561Rxxxx 1SBL157061Rxxxx, 1SBL156061Rxxxx, 1SBL177061Rxxxx, 1SBL177261Rxxxx, 1SBL177561Rxxxx 1SBL176061Rxxxx, 1SBL176261Rxxxx, 1SBL176561Rxxxx 1SBL237061Rxxxx, 1SBL237261Rxxxx 1SBL237561Rxxxx, 1SBL236061Rxxxx 1SBL236261Rxxxx, 1SBL236561Rxxxx, 1SBL277061Rxxxx 1SBL276061Rxxxx, 1SBL297061Rxxxx, 1SBL297261Rxxxx 1SBL297561Rxxxx 1SBL296061Rxxxx, 1SBL296261Rxxxx 1SBL296561Rxxxx 1SBH137061Rxxxx, 1SBH136061Rxxxx
Information provided by (Name and e-mail address)	Gaelle Frier gaelle.frier @fr.abb.com
Business area	Low Voltage Products -
Date	February 2013

Group Function Sustainability Affairs

1. Related documents

Industrial ^{IT} Architecture - Introduction and Definitions, 3BSE023904

Industrial ^{IT} Certification Overview, 3BSE023905

Industrial ^{IT} Certification Guideline, 3BSE024526

Industrial ^{IT} Enabled Level 0 - Information, Introduction and Definitions, 3BSE025934

Ref documents:

[http://inside.abb.com/The Insider/Featured Portals/Industrial IT Deployment/06 Product Certification/Document Library](http://inside.abb.com/The_Insider/Featured_Portals/Industrial_IT_Deployment/06_Product_Certification/Document_Library)

2. Environmental Information

2.1 Content of hazardous materials

Declare the presence of hazardous materials in the product. Printed circuit boards are declared separately under 2.1.1 and should be excluded from the declaration in the table below.

Material	Example application	Yes	No	Quantity/unit Optional ⁽¹⁾
Lead	Batteries, cables		<input checked="" type="checkbox"/>	
Cadmium	Batteries, switches, additive in lead		<input checked="" type="checkbox"/>	
Mercury	Batteries, switches		<input checked="" type="checkbox"/>	
Beryllium	Contact springs		<input checked="" type="checkbox"/>	
Brominated flame retardants, e.g: PBB, PBDE, TBBPA	Additive in plastics or rubber		<input checked="" type="checkbox"/>	
HCFCs, e.g: R 22, R 123, R 141b	Cooling media		<input checked="" type="checkbox"/>	
SF6, sulphurhexafluoride	Breakers		<input checked="" type="checkbox"/>	

(1) Strive to declare the quantity. This is optional, however, since it is today sometimes difficult to retrieve such information, especially regarding supplied components.

2.1.1 Printed circuit boards

Specify the amount of printed circuit boards used in the product by declaring the total board surface:

- < 1 dm²
- 1-10 dm²
- > 10 dm²

Group Function Sustainability Affairs

Doc. no. 1SBD250167E1000

Rev. ind. A

Date 2012-09-13

- No printed circuit boards used in the product

2.2 Recycling information

Is recycling information for the product available?

- Yes Ref. Document:.....
- No

If No, please specify, in the table below, the component/part/physical position where the material is present:

Material	Component/part/physical position
Lead	No
Cadmium	No
Mercury	No
Beryllium	No
Brominated flame retardants	No
HCFCs	No
SF6, sulphurhexafluoride	No
Polyvinyl chloride, PVC	No

2.3 Energy use and/or losses during the operation of the product

Is energy use and/or losses during operation of the product specified in the product documentation?

- Yes Ref. Document : See technical data in catalogue
- No
- Not relevant