



Doc. no. 1SBD250147E1000  
Rev. ind. A  
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From Corinne Maillet  
Dept. FRCTL  
Phone +33 (0) 4 72 22 18 75  
Fax +33 (0) 4 72 22 19 69  
E-mail corinne.maillet@fr.abb.com

## Environmental Information

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The purpose of this document is to provide environmental information requested in the procedure for Industrial <sup>IT</sup> Enabled level 0.

Product name	AF Range Contactors AF09_12_16-30-10_01, AF09_16-22-00, AF09_16-40-00
ABB Identity number	1SBL137001RXX10 1SBL137001RXX01 1SBL136001RXX10 1SBL136001RXX01 1SBL157001RXX10 1SBL157001RXX01 1SBL156001RXX10 1SBL156001RXX01 1SBL177001RXX10 1SBL177001RXX01 1SBL176001RXX10 1SBL176001RXX01 1SBL137201RXX00 1SBL136201RXX00 1SBL137501RXX00 1SBL136501RXX00 1SBL177201RXX00 1SBL176201RXX00 1SBL177501RXX00 1SBL176501RXX00
Information provided by	Corinne MAILLET

Group Function Sustainability Affairs

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(Name and e-mail address)	Corinne.maillet@fr.abb.com
Business area	Low Voltage Products - AP
Date	December 13 th 2010

## 1. Related documents

Industrial <sup>IT</sup> Architecture - Introduction and Definitions, 3BSE023904

Industrial <sup>IT</sup> Certification Overview, 3BSE023905

Industrial <sup>IT</sup> Certification Guideline, 3BSE024526

Industrial <sup>IT</sup> 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 <i>Optional <sup>(1)</sup></i>
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"/>	
Polyvinyl chloride, PVC	Cables		<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 dm<sup>2</sup>  
 1-10 dm<sup>2</sup>  
 > 10 dm<sup>2</sup>  
 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