



Doc. no. 1SBD250152E1000  
Rev. ind. A  
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## 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<br>NF44_53_62_71_80                                                                                                                                                    |
| ABB Identity number                                         | 1SBH137001RXX44<br>1SBH136001RXX44<br>1SBH137001RXX53<br>1SBH136001RXX53<br>1SBH137001RXX62<br>1SBH136001RXX62<br>1SBH137001RXX71<br>1SBH136001RXX71<br>1SBH137001RXX80<br>1SBH136001RXX80 |
| Information provided by<br><i>(Name and e-mail address)</i> | Corinne MAILLET<br>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

## Group Function Sustainability Affairs

**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<br>Optional <sup>(1)</sup> |
|----------------------------------------------------|---------------------------------------|-----|-------------------------------------|------------------------------------------|
| 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?

Group Function Sustainability Affairs

Doc. no. 1SBD250152E1000

Rev. ind. A

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 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