



Doc. no. 1SFC 101014D0201  
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Date 2001-12-07  
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## Environmental Information

Product name	Contactor AF1350/ AF 1650
ABB Identity number	1SFL 657 001R7011, 1SFL 657 001R7022/ 1SFL 677 001R7011, 1SFL 677 001R7022
Information provided by (Name and e-mail address)	Peter Carlsson peter.x.carlsson@se.abb.com
Business area	AT Low Voltage Products

### 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)

Automation Technology Products AB

## 2. Environmental Information

### 2.1 Content of hazardous materials

Declare the presence (quantity is optional) 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	CAS No. <sup>(1)</sup>	Example application	Yes	No	Quantity/unit <i>Optional</i> <sup>(2)</sup>
Lead	7439-92-1	Batteries, cables		X	
Cadmium	7440-43-9	Batteries, switches, additive in lead		X	
Mercury	7439-97-6	Batteries, switches		X	
Beryllium	7440-41-7	Contact springs		X	
Brominated flame retardants, e.g: PBB, PBDE, TBBPA	If Yes, state relevant CAS-number	Additive in plastics or rubber		X	
HCFCs, e.g: R 22, R 123, R 141b	If Yes, state relevant CAS-number	Cooling media		X	
SF6, sulphurhexafluoride	2551-62-4	Breakers		X	
Polyvinyl chloride, PVC	9002-86-2	Cables		X	

(1) Identification number for chemicals according to Chemical Abstract Services.

(2) 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

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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	
Cadmium	
Mercury	
Beryllium	
Brominated flame retardants	
HCFCs	
SF6, sulphurhexafluoride	
Polyvinyl chloride, PVC	

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:..... 1SBC0094 00R1001.....
- No
- Not relevant