



Doc. no. 1SFC151006D0201
Rev. ind. Version 0
Date 2002-09-03
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Environmental Information

Product name	Signal Towers, Signal Beacons and Buzzers
ABB Identity number	1SFA 616070 –089 RXXXX 1SFA 616401 RXXXX
Information provided by (Name and e-mail address)	John Björkbacka john.bjorkbacka@se.abb.com
Business area	AT Low Voltage Products
Date	2002-07-02

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 <i>Optional</i> ⁽¹⁾
Lead	Batteries, cables	X		On each circuit board
Cadmium	Batteries, switches, additive in lead		X	
Mercury	Batteries, switches		X	
Beryllium	Contact springs	X		
Brominated flame retardants, e.g: PBB, PBDE, TBBPA	Additive in plastics or rubber		X	
HCFCs, e.g: R 22, R 123, R 141b	Cooling media		X	
SF6, sulphurhexafluoride	Breakers		X	
Polyvinyl chloride, PVC	Cables	X		

(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
- 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	On each circuit board
Cadmium	
Mercury	
Beryllium	In contact springs
Brominated flame retardants	
HCFCs	
SF6, sulphurhexafluoride	
Polyvinyl chloride, PVC	In cables

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: Instructions for use of product or product label

No

Not relevant