



Doc. no. 1SFC 101006D0201
Rev. ind. Version 0
Date 2001-12-07
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Environmental Information

| | |
|--|---|
| Product name | Contactors AF95/110 |
| ABB Identity number | 1SFL 437001R XXXX –457001R XXXX |
| Information provided by (Name and e-mail address) | Peter Carlsson peter.x.carlsson@se.abb.com |
| Business area | AT Low Voltage Products |
| Date | 2001-12-07 |

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)

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. ⁽¹⁾ | Example application | Yes | No | Quantity/unit <i>Optional</i> ⁽²⁾ |
|--|-----------------------------------|---------------------------------------|-----|----|---|
| 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 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 | |
| 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:1SBC 0004 99R1001...Product catalog.....
- No
- Not relevant