



Doc. no. 1SFC132014D0201  
Rev. ind. Version 0  
Date 2003-04-04  
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## Environmental Information

Product name	Softstarters PST 30 - 300
ABB Identity number	1SFA 894 002R7000 – 1SFA 894 014R7000 1SFA 895 002R7000 – 1SFA 895 014R7000
Information provided by (Name and e-mail address)	Sören Kling soren.kling@se.abb.com
Business area	AT Low Voltage Products
Date	2003-04-02

### 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)

ABB Automation Technology Products AB

## 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> <sup>(1)</sup>
Lead	Batteries, cables	X		90DPPM/Fan
Cadmium	Batteries, switches, additive in lead	X		5DPPM/Fan
Mercury	Batteries, switches	X		60DPPM/Fan
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 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:.....1SFC132016D0201.....
- 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	Fan
Cadmium	Fan
Mercury	Fan
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:..1SFC132001O0201.....
- No
- Not relevant