



Doc. no. 3BSE029541  
Rev. ind. -  
Date 2002-07-09  
From Thomas Wiklund  
Dept. ATCF/OC/A  
Phone +46 21 342457  
Fax +46 21 342525  
E-mail thomas.b.wiklund@se.abb.com

## Environmental Information

---

To:

Copy to:

---

Product name	Control <sup>IT</sup> Process Controller AC410
ABB Identity number	ABB_3BSE014390
Information provided by (Name and e-mail address)	Thomas Wiklund ATCF/OC/A <a href="mailto:thomas.b.wiklund@se.abb.com">thomas.b.wiklund@se.abb.com</a>
Business area	AT
Date	2002-07-09

### 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)*

Group Function Sustainability Affairs

## 2. Template for 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 <sup>(1)</sup></i>
Lead	Batteries, cables		x	
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		Quantity is depending on type of configuration. Cables are insulated with a PVC shell

(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

Doc. no. 3BSE029541

Rev. ind. -

Date 2002-07-09

## 2.2 Recycling information

Is recycling information for the product available?

☒ Yes Ref. Document: 5FSE9314-006.doc  
Return Material (RMA) procedures for Logistics Centers Sweden.  
Central Disposal following ISO14001

☐ 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: 3BSE002414R601.pdf

☐ No

☐ Not relevant