

Doc. no. 1SAA952006-2403
Rev. ind.
Date 2008-01-29
From Guenther Steinleitner
Dept. DESTO/CQ
Phone +49 6221 701-1221
Fax +49 6221 701-1112
E-mail guenther.steinleitner@de.abb.com

Environmental Information

The purpose of this document is to provide environmental information requested in the procedure for Industrial ^{IT} Enabled level 0.

Product name	Communication Module WSIX100 Sensor Pad WSP100 I/O Pad WIOP100 Power Indicator WPI100
ABB Identity number	1SAF900100Rxxxx 1SAF96x100Rxxxx 1SAF902800Rxxxx
Information provided by (Name and e-mail address)	Guenther Steinleitner Guenther.Steinleitner@de.abb.com
Business area	Low Voltage Products – ATLV
Date	October 2003

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

(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

Doc. no. 1SAA952006-2403

Rev. ind.

Date 2008-01-29

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	Few solder points on the PCB
Cadmium	
Mercury	
Beryllium	
Brominated flame retardants	TBBPA in PCB
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 for I/O Pad WIOP100: 2CDC171003Dxxxx
- No
- Not relevant (for Communication Module WSIX100, Sensor Pad WSP100 and Power Indicator WPI100)