

Doc. no. 1SAA962002-2404
 Rev. ind.
 Date 2008-04-04
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Environmental Information

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

Product name	AS-i FieldBusPlug Direct ASD11-FBP AS-i FieldBusPlug Performance ASP22-FBP DeviceNet-FieldBusPlug DNP21-FBP Profibus DP-FieldBusPlug PDP21-FBP Profibus DP-FieldBusPlug PDP22-FBP Profibus DP-FieldBusPlug PDQ22-FBP Modbus-FieldBusPlug MRP21-FBP CANopen-FieldBusPlug COP21-FBP
ABB Identity number	1SAJ210000Rxxxx 1SAJ220000Rxxxx 1SAJ230000Rxxxx 1SAJ240x00Rxxxx 1SAJ240200Rxxxx 1SAJ250000Rxxxx 1SAJ230100Rxxxx
Information provided by (Name and e-mail address)	Alexander Wachter Alexander.Wachter@de.abb.com
Business area	Low Voltage Products – ATLV
Date	11-June-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)

Group Function Sustainability Affairs

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 ⁽¹⁾</i>
Lead	Batteries, cables		✓	
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

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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	Solder points on printed circuit boards
Cadmium	
Mercury	
Beryllium	
Brominated flame retardants	TBBPA in the 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: Product data sheet
- No
- Not relevant