



Doc. no. 2CTD432002E0201
Rev. ind. 01
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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	15 and 40kA single block multi-pole surge protectors OVR 1N-..., OVR N1-..., OVR 3N-..., OVR N3-...
ABB Identity number	2CTB813812Rxx00 2CTB813813Rxx00 2CTB813912Rxx00 2CTB813913Rxx00
Information provided by (Name and e-mail address)	Hervé Lindeperg herve.lindeperg@fr.abb.com
Business area	Low Voltage Products – ATLV
Date	2002-10-14

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

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</i> ⁽¹⁾
Lead	Batteries, cables	✓		<10 solder points
Cadmium	Batteries, switches, additive in lead	✓		<5 solder points
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	<10 solder points
Cadmium	<5 solder points (in thermal disconnectors)
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 : Product data sheet
- No
- Not relevant