



Doc. no. ITSCE-LPD-ENV_DS_
Rev. ind. Version 1
Date 2002-05-12
From Davide Malacalza
Dept. ITSCE/LP-PR
Phone +39 02 9034 7670
Fax +39 02 9034 7613
E-mail davide.malacalza@it.abb.com

Environmental Information

The purpose of this template is to support the compilation of mandatory environmental information requested in the procedure for Industrial ^{IT} Enabled level 0.

Product name	Protect IT Residual Current Breaker with Overload Protection DS640, DS 650, DS670, DS850
ABB Identity number	ABB.ITSCE.LPD_XX XXX X, ABB.ITSCE.LPD_XXXXXXXX
Information provided by (Name and e-mail address)	Davide Malacalza davide.malacalza@it.abb.com
Business area	ATLV
Date	2002-05-12

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

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		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		not available
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 dm²
- 1-10 dm²
- > 10 dm²
- No printed circuit boards used in the product

Doc. no. ITSCE-LPD-ENV_DS_
 Rev. ind. Version 1
 Date 2002-05-12

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	weldings
Cadmium	
Mercury	
Beryllium	
Brominated flame retardants	enclosures
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: Technical catalogue ITSCE-603221/011
 No
 Not relevant