



Doc. no. 1SDL000141R0
Rev. ind. V2
Date 01-05-2010
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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.

The template is applicable to all hardware products.

Product name	Protect IT Moulded Case Circuit Breaker S1 Protect IT Moulded Case Circuit Breaker S2 Protect IT Moulded Case Circuit Breaker S3 Protect IT Moulded Case Circuit Breaker S5 Protect IT Moulded Case Circuit Breaker S6 (all versions without electronic release)
ABB Identity number	1SDA 0 xxxxx R1 xxxxx = see technical catalogue
Information provided by (Name and e-mail address)	Antonio Di vaira Antonio.di_vaira@it.abb.com
Business area	ATLV
Date	01 May 2010

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
- Isomax Technical Catalogue ITSCE-604050-012 and subsequent revisions

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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. 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⁽¹⁾</i>
Lead	Batteries, cables		X (2)	
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	

(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) Small amounts of Lead may be contained as alloy element as for RoHS exemption #6

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	
Cadmium	
Mercury	
Beryllium	
Brominated flame retardants	Plastic parts composed of thermoplastic polymers
HCFCs	
SF6, sulphurhexafluoride	
Polyvinyl chloride, PVC	Cables

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..... No Not relevant