Doc. no. 1SBD250113E1000
Rev. ind. A
Date 2002-05-27
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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	Limit Switches with Reset LS31P…-R
ABB Identity number	1SBV020111Rxxxx, 1SBV020112Rxxxx, 1SBV020113Rxxxx, 1SBV020131Rxxxx, 1SBV020132Rxxxx, 1SBV020141Rxxxx
Information provided by *(Name and e-mail address)*	Jean-Pierre PELLISSIER Jean-pierre.pellissier@fr.abb.com
Business area	Low Voltage Products - ATLV
Date	May 2002

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

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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	☒		See 2.2
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 dm^2

❒ 1-10 dm^2

❒ > 10 dm^2

☒ 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	Metal plunger < 0,3% (except for 1SBV020241Rxxxx : 0%) -Contact support <0,05%
Cadmium	No
Mercury	No
Beryllium	No
Brominated flame retardants	No
HCFCs	No
SF6, sulphurhexafluoride	No
Polyvinyl chloride, PVC	No

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?

❒ No

❒ No

☒ Not relevant