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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	Contactor N / NERT / NEST
ABB Identity number	1SBH141xxxRxxxx / 1SBH141xxxTxxxx
Information provided by	Corinne MAILLET
(Name and e-mail address)	Corinne.maillet@fr.abb.com
Business area	Low Voltage Products - ATAP
Date	November 2006

1. Related documents

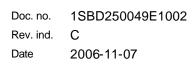
Industrial ^{IT} Architecture - Introduction and Definitions, 3BSE023904 Industrial ^{IT} Certification Overview, 3BSE023905 Industrial ^{IT} Certification Guideline, 3BSE024526 Industrial ^{IT} Enabled Level 0 - Information, Introduction and Definitions, 3BSE025934

Ref documents:

http://inside.abb.com/The Insider/Featured Portals/Industrial IT Deployment/06 Product Certification/Document Library

Group Function Sustainability Affairs

FILE: 1SBD250049E1002.doc; TEMPLATE: APR Gen form int, A4 P en, R3.dot; SKELETON; SAVEDATE: 28/11/2006 10:3



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		X	
Cadmium	Batteries, switches, additive in lead		X	
Mercury	Batteries, switches		X	
Beryllium	Contact springs	X		< 5.00 e-05 Kg
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		< 0.9 e-03 Kg

(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:

- \Box < 1 dm²
- **1**-10 dm²
- \Box > 10 dm²
- No printed circuit boards used in the product

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	No	
Cadmium	No	
Mercury	No	
Beryllium	Contact spring (screwless)	
Brominated flame retardants	No	
HCFCs	No	
SF6, sulphurhexafluoride	No	
Polyvinyl chloride, PVC	Contact carrier and Terminal connection (screwless)	

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 : See technical data in catalogue
- □ No
- Not relevant