Doc. no. 2CDU071000R0063
Rev. ind. 01
Date 2004-01-09
From Volker Burkart
Dept. DESTO/GT
Phone +49 6221 701-557
Fax +49 6221 701-355
E-mail volker.burkart@de.abb.com

# Environmental Information

The purpose of this document is to provide environmental information requested in the procedure for Industrial IT Enabled level 0.

| | |
|---|---|
| Product name | Electronic Relay, 1-fold, FM<br>ER/U 1.1 |
| ABB Identity number | GH Q631 0044 R0111 |
| Information provided by<br>*(Name and e-mail address)* | Volker Burkart<br>volker.burkart@de.abb.com |
| Business area | Low Voltage Products – ATLV |
| Date | 2004-01-09 |

## 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*

Doc. no. 2CDU071000R0063
Rev. ind. 01
Date 2004-01-09

# 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, solder | | ✓ | |
| 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

Doc. no. 2CDU071000R0063
Rev. ind. 01
Date 2004-01-09

## 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 | |
| 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 data sheet

❒ No

❒ Not relevant