Environmental Information

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

| Product name | Distributed Automation I/O DC505  
|              | Distributed Automation I/O DC551  
|              | Distributed Automation I/O CI501, CI502  
|              | Distributed Automation I/O CI504, CI506  
|              | Distributed Automation I/O CI511, CI512  
|              | Distributed Automation I/O CI521, CI522  
|              | Distributed Automation I/O CI541, CI542  
|              | Distributed Automation I/O CI581, CI582  
|              | Distributed Automation I/O CI590, CI592  
|              | Distributed Automation I/O TU505, TU506  
|              | Distributed Automation I/O TU507, TU508  
|              | Distributed Automation I/O TU509, TU510  
|              | Distributed Automation I/O TU517, TU518  
|              | Distributed Automation I/O TU520  
|              | Distributed Automation I/O TU551, TU552  

Product name may be followed by additional suffixes

| ABB Identity number | 1SAP2xxxxxRxxxx  
| Information provided by | Roland Schmale  
| (Name and e-mail address) | roland.schmale@de.abb.com  
| Business area | Discrete Automation and Motion – DMLD  
| Date | August 2013  

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:  

Group Function Sustainability Affairs
1 Environmental Information

1.1 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.

<table>
<thead>
<tr>
<th>Material</th>
<th>Example application</th>
<th>Yes</th>
<th>No</th>
<th>Quantity/unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>Batteries, cables</td>
<td>✓</td>
<td></td>
<td>Optional (1)</td>
</tr>
<tr>
<td>Cadmium</td>
<td>Batteries, switches, additive in lead</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mercury</td>
<td>Batteries, switches</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beryllium</td>
<td>Contact springs</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brominated flame retardants, e.g: PBB, PBDE, TBBPA</td>
<td>Additive in plastics or rubber</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCFCs, e.g:</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R 22, R 123, R 141b</td>
<td>Cooling media</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>SF6, sulphurhexafluoride</td>
<td>Breakers</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyvinyl chloride, PVC</td>
<td>Cables</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) Strive to declare the quantity. This is optional, however, since it is today sometimes difficult to retrieve such information, especially regarding supplied components.

1.1.1 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
1.2 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:

<table>
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<tr>
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<th>Component/part/physical position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
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<td>Polyvinyl chloride, PVC</td>
<td></td>
</tr>
</tbody>
</table>

1.3 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: Product data sheet

☑ No

☑ Not relevant