Environmental Information

<table>
<thead>
<tr>
<th>Product name</th>
<th>Automation boards</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABB Identity number</td>
<td></td>
</tr>
<tr>
<td>Information provided by (Name and e-mail address)</td>
<td>Luca Colleoni <a href="mailto:luca.colleoni@it.abb.com">luca.colleoni@it.abb.com</a></td>
</tr>
<tr>
<td>Business area</td>
<td>ATLV</td>
</tr>
<tr>
<td>Date</td>
<td>08-Apr-2002</td>
</tr>
</tbody>
</table>

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:
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.

<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>X</td>
<td></td>
<td>Optional (1)</td>
</tr>
<tr>
<td>Cadmium</td>
<td>Batteries, switches, additive in lead</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mercury</td>
<td>Batteries, switches</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beryllium</td>
<td>Contact springs</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brominated flame retardants, e.g:</td>
<td>Additive in plastics or rubber</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PBB, PBDE, TBBPA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCFCs, e.g: R 22, R 123, R 141b</td>
<td>Cooling media</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SF6, sulphurhexafluoride</td>
<td>Breakers</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyvinyl chloride, PVC</td>
<td>Cables</td>
<td>X</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.

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:

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<tr>
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</tr>
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<tr>
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<td>Polyvinyl chloride, PVC</td>
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</table>

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: ..............................................................
☐ No
☒ Not relevant

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