Environmental Information

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

<table>
<thead>
<tr>
<th>Product name</th>
<th>Grid feeding monitoring relays</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CM-UFD.Mxx</td>
</tr>
<tr>
<td></td>
<td>CM-UFS.x, CM-UFS.xx</td>
</tr>
<tr>
<td>ABB Identity number</td>
<td>1SVR 560 730 Rxxxx</td>
</tr>
<tr>
<td></td>
<td>1SVR 630 736 Rxxxx</td>
</tr>
<tr>
<td>Information provided by</td>
<td>Walter Kraus</td>
</tr>
<tr>
<td>(Name and e-mail address)</td>
<td><a href="mailto:walter.kraus@de.abb.com">walter.kraus@de.abb.com</a></td>
</tr>
<tr>
<td>Business unit</td>
<td>LPCP</td>
</tr>
<tr>
<td>Date</td>
<td>October 2013</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>✓</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: 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.

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 CM-UFS
✓ 1-10 dm² CM-UFD
☐ > 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:

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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: Product data sheet

☐ No

☐ Not relevant