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## Environmental Information

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

Product name	Control Panels Accessories TK681 Control Panels Accessories TK682  <i>Product name may be followed by additional suffixes</i>
ABB Identity number	1SAP50098xRxxxx
Information provided by (Name and e-mail address)	Roland Schmale roland.schmale@de.abb.com
Business area	Discrete Automation and Motion
Date	Sept 20. 2013

### 1 Related documents

Industrial <sup>IT</sup> Architecture - Introduction and Definitions, 3BSE023904

Industrial <sup>IT</sup> Certification Overview, 3BSE023905

Industrial <sup>IT</sup> Certification Guideline, 3BSE024526

Industrial <sup>IT</sup> Enabled Level 0 - Information, Introduction and Definitions, 3BSE025934

Group Function Sustainability Affairs

## 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 <i>Optional</i> <sup>(1)</sup>
Lead	Batteries, cables	Yes		0.0033gr 0.0032gr 0.0000006gr
Cadmium	Batteries, switches, additive in lead		No	
Chromium 6+	Terminals		No	
Brominated flame retardant TBBPA	Additive in plastics or rubber		No	
Other brominated flame retardants, e.g: PBB, PBDE	Additive in plastics or rubber		No	
Other halogenated flame retardants	Additives in plastic parts of (electronic) components		No	
Poly-Fluor-Carbons (like Teflon <sup>®</sup> , Hostaflon <sup>®</sup> , Viton <sup>®</sup> )	Cables or insulation. Also in switches.		No	
PCB	Cooling media		No	
Polyvinyl chloride, PVC	Cables	Yes		0.4638716gr

(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<sup>2</sup>
- ☐ 1-10 dm<sup>2</sup>
- ☐ > 10 dm<sup>2</sup>
- ☐ 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	Contact , jackscrew , jackscrew plating
Cadmium	-
Chromium 6+	-
Brominated flame retardant TBBPA	-
Other brominated flame retardants, e.g: PBB, PBDE	-
Other halogenated flame retardants	-
Poly-Fluor-Carbons (like Teflon <sup>®</sup> , Hostaflon <sup>®</sup> , Viton <sup>®</sup> )	-
PCB	-
Polyvinyl chloride, PVC	Lable-adhesive

## 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 in the documentation

☒ No

☐ Not relevant