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## Environmental Information

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

Product name	Distributed Automation I/O AI561 Distributed Automation I/O AI562 Distributed Automation I/O AI563 Distributed Automation I/O AO561 Distributed Automation I/O AX561 Distributed Automation I/O DC561 Distributed Automation I/O DI561 Distributed Automation I/O DI562 Distributed Automation I/O DI571 Distributed Automation I/O DO561 Distributed Automation I/O DO571 Distributed Automation I/O DO572 Distributed Automation I/O DX561 Distributed Automation I/O DX571 Accessories for Programmable Logic Controllers PLCs TA563-11, TA563-9, TA564-11, TA564-9, TA565- 11, TA565-9 <i>Product name may be followed by additional suffixes</i>
ABB Identity number	1TNE968xxxxRxxxx
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Business area	Discrete Automation and Motion
Date	May 2011

### 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	✓		2% in copper alloy <sup>(2)</sup>
Cadmium	Batteries, switches, additive in lead		✓	
Chromium 6+	Terminals		✓	
Brominated flame retardant TBBPA	Additive in plastics or rubber	✓		
Other brominated flame retardants, e.g: PBB, PBDE	Additive in plastics or rubber		✓	
Other halogenated flame retardants	Additives in plastic parts of (electronic) components	✓		
Poly-Fluor-Carbons (like Teflon, Hostafion, Viton)	Cables or insulation	✓		
PCB	Cooling media		✓	
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) Exempted from the RoHS directive by Commission decision 2010/571/EU

#### 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	In copper alloy used in cage clamps of terminals
Cadmium	
Chromium 6+	
Brominated flame retardant TBBPA	Isolating parts of connectors
Other brominated flame retardants, e.g: PBB, PBDE	
Other halogenated flame retardants	Electronic board (electronic components)
Poly-Fluor-Carbons (like Teflon, Hostaflon, Viton)	Isolating parts of transformers
PCB	
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: Product data sheet in the documentation
- No
- Not relevant