

Environmental Information CE/21/132/DD

Date: 2021.04.12

Scope of the declaration

The scope of this document is to give information about environmental aspects and the compliance to the environmental regulations for ABB Residual Current Breakers with Overload Protection.

Series: RCBOs DS201 (2019)

Company:

ABB SpA - ELSB
Viale dell'Industria 18, 20009 Vittuone Milano – Italy

ABB SpA - ELSB – LPG Energy Distribution, manufactures and sells products for the electrical installation and automation of buildings, machines and plants.

ABB SpA – ELSB - LPG Energy Distribution is certified according ISO 9001, ISO 14001, OHSAS 18001 and IRIS

Product compliance:

The RCBOs comply with the actual requirements of the EU directive 2011/65/EC (“RoHS”). RoHS Directive as amended No. 2011/65/EU incl. 2015/863/EU

Materials, wherever requested by the REGULATION (EC) No. 1907/2006 (“REACH”) have been registered at ECHA by the producers. They do not contain substances as specified in the related candidate list of SVHC as published in: <http://echa.europa.eu/it/candidate-list-table>

We in ABB are committed to ensuring the health, safety and protection of people who come into contact with our products and business, and we require high social, environmental and human rights standards among our suppliers. Managing our obligations in relation to Conflict Minerals is a part of this corporate responsibility. ABB is proactively supporting development and governance in that region, and is contributing financially to international humanitarian aid efforts.

The RCBOs do not contain PCB, asbestos, cadmium, halogens, silicone and radioactive element

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Capitale Sociale / Share Capital:
€ 110.000.000 i.v. / fully paid up
Partita IVA / VAT: IT 11988960156
Codice Fiscale / Fiscal Code:
00736410150
Registro delle Imprese di Milano /
Official Company Book:
00736410150
R.E.A. Milano: 1513225

RAMS (Reliability, Availability, Maintainability & Safety)

The design and material is proven in various industrial applications and environment for more than 10 years without relevant or systematic failures.

The RCBOs are maintenance free considering the RCBOs have to be verified periodically by pressing the dedicated test button as indicated in the documentation supplied with the product.

All devices are approved by third party organizations on the base of the relevant product standards, e.g. IEC/EN 61009-1

Product description

Residual Current Breakers with Overload Protection (RCBOs)

Contain the following materials (with small variations per type)

List of Materials

<i>Material</i>	<i>Percentage</i>
Steel	54,21%
Other Metals (Sn, C, W)	0.18 %
Copper	2,48 %
Tag	0.11%
Bimetal	0.04 %
Brass	0.86%
Polymers	42.11%

Recycling Information

At the end of operating life, constituent components of DS201 (2019) have been optimized in order to reduce waste amount and increase recovery of the material. Metals and polymers contained into DS201 products are characterized by high recycling rates. The recyclability potential of the product has been evaluated using IEC / TR 62635.

Recycling Information

Treatment			Disposal
Recovery			
Reuse of Parts	Recycling or Material Recovery	Energy recovery or replacement other material	
Recoverable mass	>=	90%	< 10%

ABB S.p.A.

LPG Manager, LPG Energy Distribution IT
Electrification - Smart Buildings

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