



ABB STOTZ-KONTAKT GmbH

Environmental Information

2CDK400618D0201

Date : 2016-01-26

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 Switch Disconnectors

Series:
SD20x

x = number of poles.

Company

ABB STOTZ-KONTAKT GmbH
Eppelheimer Str.82
D-69123 Heidelberg
Germany

ABB STOTZ-KONTAKT GmbH is part of the ABB Group's Electrification Products Division. It develops, manufactures and sells products for the electrical installation and automation of buildings, machines and plants.

ABB STOTZ-KONTAKT GmbH is certified according ISO 9001, ISO 14001 and OHSAS 18001.

Product compliance

According to our analysis, the material restrictions of the RoHS Directive 2011/65/EU will remain unchanged. The Switch Disconnectors supplied will continue to comply with the respective requirements in the future insofar no changes of a. m. directives will occur. 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/chem_data/authorisation_process/candidate_list_table_en.asp

The Switch Disconnectors do not contain PCB, asbestos, cadmium, halogens, silicone and radioactive elements.

ABB STOTZ-KONTAKT GmbH



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RAMS (Reliability, Availability, Maintainability & Safety)

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

The Switch Disconnectors are maintenance free.

The expected life of a Switch Disconnector is more than 30 years in applications covered by the product standards (see below)

All devices are approved by third party organizations on the base of the relevant product standards, e.g. DIN EN 60947-3. The available certificates are published in the ABB Download Center.

Product Description

Switch Disconnectors SD200

contain the following materials (with small variations per type)

List of Materials

material	percentage	
steel	26,6%	
non-iron alloy-components	0,5%	
copper / copper alloys	3,4%	
silver	0,1%	
zinc	0,5%	
aluminum	0,7%	
aluminumoxide ¹⁾	1,0%	
silicon dioxide / glass ¹⁾	7,5%	
non-combustible material		40,3%
plastic of housing ²⁾	27,2%	
other plastic material	32,5%	
combustible material		59,7%

¹⁾ used as filler in the plastic materials

²⁾ the plastic materials for the housing are UL-listed

Recycling Information

Treatment			
Recovery			Disposal
Reuse of parts	Recycling or material recovery	Energy recovery or replacement of other material	Unrefined residue
Recyclable mass	32%		
Recoverable mass	91%		9%

ABB STOTZ-KONTAKT GmbH

Heidelberg, 2016-01-26


Gerhard Lauffer
 Head of Quality Management


Christian Sperling
 Global Product Management Manager MCB