



ABB STOTZ-KONTAKT GmbH

Environmental Information

9AKK107680A6947

Date : 2020-05-20

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 Miniature Circuit Breakers

Series:

S20xMT, S20xP, M20x

S20xU, S20xUP, S20xUDC

x = number of poles.

Company

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

ABB STOTZ-KONTAKT GmbH is part of the ABB Electrification Business.

It develops, manufactures and sells products for the electrical installation and automation of buildings, machines and plants.

ABB STOTZ-KONTAKT GmbH is certified according to DIN EN ISO 9001, DIN EN ISO 14001, DIN ISO 45001, DIN EN ISO 50001 und ISO/TS 22163

Product compliance

The EU REACH Regulation (RL 1907/2006 EG) demands registration, evaluation, authorisation and restriction of chemical substances (Registration, Evaluation and Authorisation of Chemicals).

ABB STOTZ-KONTAKT GmbH supplies electrotechnical products that are not substances or preparations in the sense of the regulation. According to the REACH regulation, our suppliers are also obliged to inform us about any chemicals that are listed as notifiable in the current list of potentially hazardous substances (SVHC - Substances of Very High Concern).

Electrification Business, Germany: ABB | Busch-Jaeger | STRIEBEL & JOHN



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IBAN (foreign currency):
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FB1E046 / 1.0

In order to increase your protection as a customer, ABB STOTZ-KONTAKT GmbH proactively and on its own initiative asks all its suppliers at regular intervals to provide information on the possible use of such chemicals.

On 27.06.2018 lead (CAS 7439-92-1) was added to the SVHC list as mutagen (Article 57c). In accordance with our obligation under Article 33 of the REACH Regulation, we therefore inform our customers which of our products may contain lead, a substance listed in the SVHC list, as an alloying element (e.g. in brass) in concentrations of more than 0.1% to a maximum of 4% in individual components for manufacturing reasons.

In addition, you can obtain up-to-date information on the subject of material compliance in the supply chain at any time on this page:

<https://new.abb.com/about/supplying/material-compliance>

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

The use of these substances in our products complies with the applicable legal regulations. When used as intended, there is no danger to health or the environment. Safety instructions are therefore not required.

RAMS (Reliability, Availability, Maintainability & Safety)

The design and material is proven in various industrial applications and environment for more than 20 years without relevant or systematic failures.

The MCBs are maintenance free.

The expected life of a Miniature Circuit Breaker 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. IEC/EN 60898-1, IEC/EN 60947-2, UL1077, UL489, CSA 22.2 No. 235, CSA 22.2 No. 5. The available certificates are published in the ABB Download Center.

Product Description

Miniature Circuit Breakers (MCB)

contain the following materials (with small variations per type)

List of Materials

material	percentage	
steel	40,0%	
non-iron alloy-components	1,0%	
copper / copper alloys	9,9%	
silver	0,1%	
zinc	2,0%	
aluminum	3,0%	
aluminumoxide ¹⁾	2,0%	
silicon dioxide / glass ¹⁾	7,0%	
non-combustible material		65,0%
plastic of housing ²⁾	32,5%	
other plastic material	2,5%	
combustible material		35,0%

¹⁾ used as filler in the plastic materials

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

Treatment			
Recovery			Disposal
Reuse of parts	Recycling or material recovery	Energy recovery or replacement of other material	Unrefined residue
	56%		
Recoverable mass		91%	9%

ABB STOTZ-KONTAKT GmbH

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