Environmental Information
2CQB100286

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: S20x MTR, S20xMTR DC

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 Electrification Business Area, developing, manufacturing and selling products for the electrical installation and automation of buildings, machines and plants.
ABB STOTZ-KONTAKT GmbH is certified ISO 9001, ISO 14001, ISO 45001, ISO 50001.

Product compliance

The MCBs supplied will continue to comply with the respective requirements of the RoHS Directive 2011/65/EU in the future insofar no changes of a. m. directives will occur. This includes delegated directive (EU) 2015/863 to the change of amendment II.
Core and armature contain up to 0.35% lead (exemption 6a according to EU directive 2011/65/EU).
Materials, wherever requested by the REGULATION (EC) No. 1907/2006 (“REACH”) have been registered at ECHA by the producers.
The MCBs do not contain PCB, asbestos, cadmium, halogens, silicone and radioactive elements.
ABB List of Prohibited and Restricted Substances

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DE15120700700240207021
IBAN (foreign currency):
DE03500700100850697400
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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 below listed product standards.

All devices are approved by third party organizations on the base of the relevant product standards, e.g IEC/EN 60947-2.
Certificates are published in the ABB Download Center.

Product Description

Miniature Circuit Breakers
S20x MTR, S20xMTR DC

contain the following materials (with small variations per type)

S200MTR DC

material	percentage	
steel	36,7%	
non-iron alloy-components	0,95%	
copper / copper alloys	13,3%	
silver	0,95%	
aluminum	1,8%	
aluminumoxide [1)]	2,0%	
silicon dioxide / glass [1)]	7,0%	
non-combustible material		62,7%
plastic of housing [2)]	33,6%	
other plastic material	3,7%	
combustible material		37,3%

[1)] used as filler in the plastic materials
[2)] the plastic materials for the housing are UL-listed

S200MTR

material	percentage	
steel	36,9%	
non-iron alloy-components	0,95%	
copper / copper alloys	13,2%	
silver	0,95%	
aluminum	1,8%	
aluminumoxide [1)]	2,0%	
silicon dioxide / glass [1)]	7,0%	
non-combustible material		62,8%
plastic of housing [2)]	33,5%	
other plastic material	3,7%	
combustible material		37,2%

[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	58%		
Recoverable mass		91%	9%

ABB STOTZ-KONTAKT GmbH
Heidelberg, 2022-06-30

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