

— S450

End of Life Instruction

Decommissioning instructions available to enable responsible recycling or disposal



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1. Purpose and Basic Description

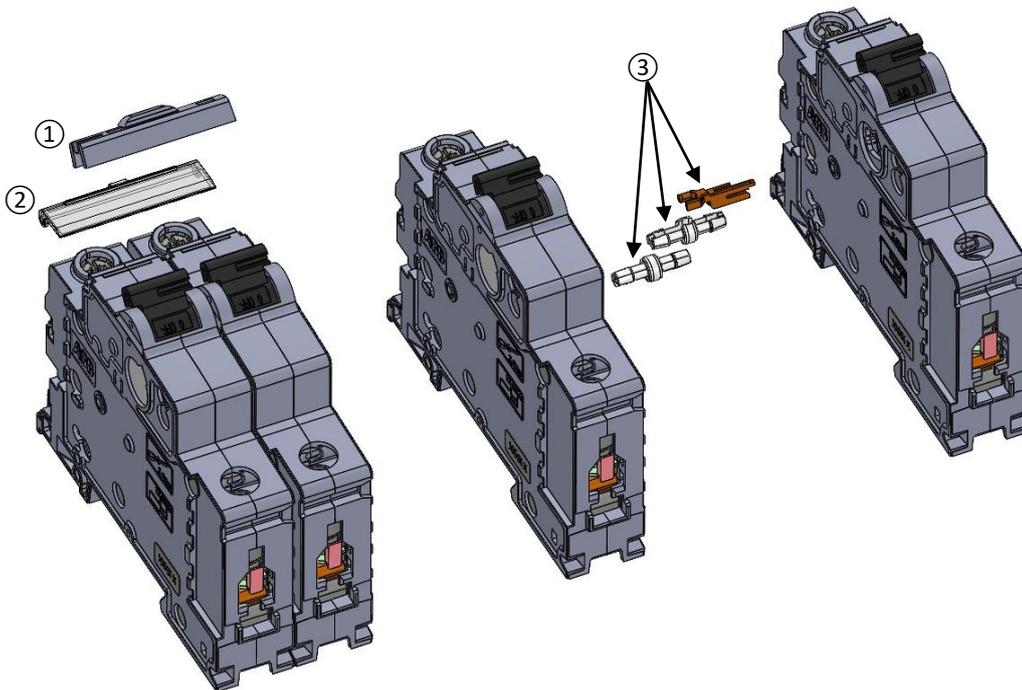
This product family is in the scope of European Union directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). The product family must be disposed according to the legislation of the country. This end-of-life instruction is intended for use by customers and recycling companies which outline the responsible recycling or disposal method of the ABB product.

The Miniature circuit breaker (MCB) S450 is as a protective device to protect infrastructure and human beings from the fire which can happen due to overcurrent and short circuit. Parallely the MCB can be used to ON/OFF the electric current.

2. Dismantling instructions

2.1. More than 1 pole product:

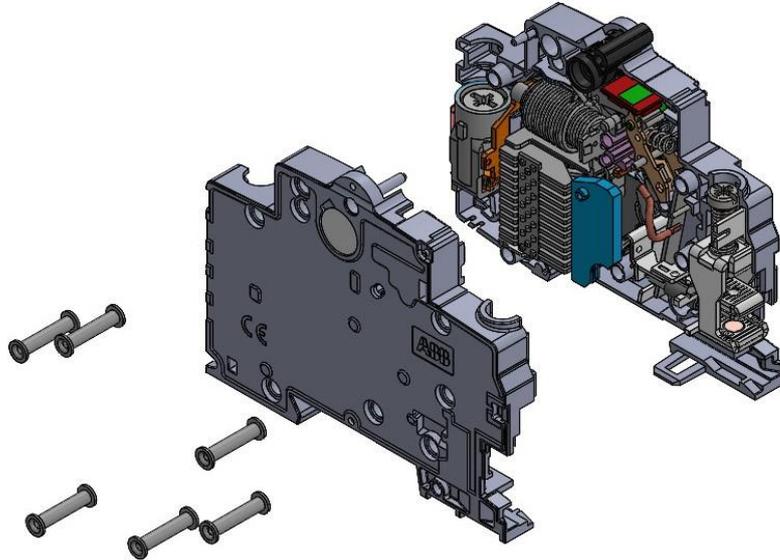
In case of more than 1 pole, the handle toggle⁽¹⁾, the labeling flap⁽²⁾ and some intermediate pieces⁽³⁾ should be removed first to split the product into simple poles.



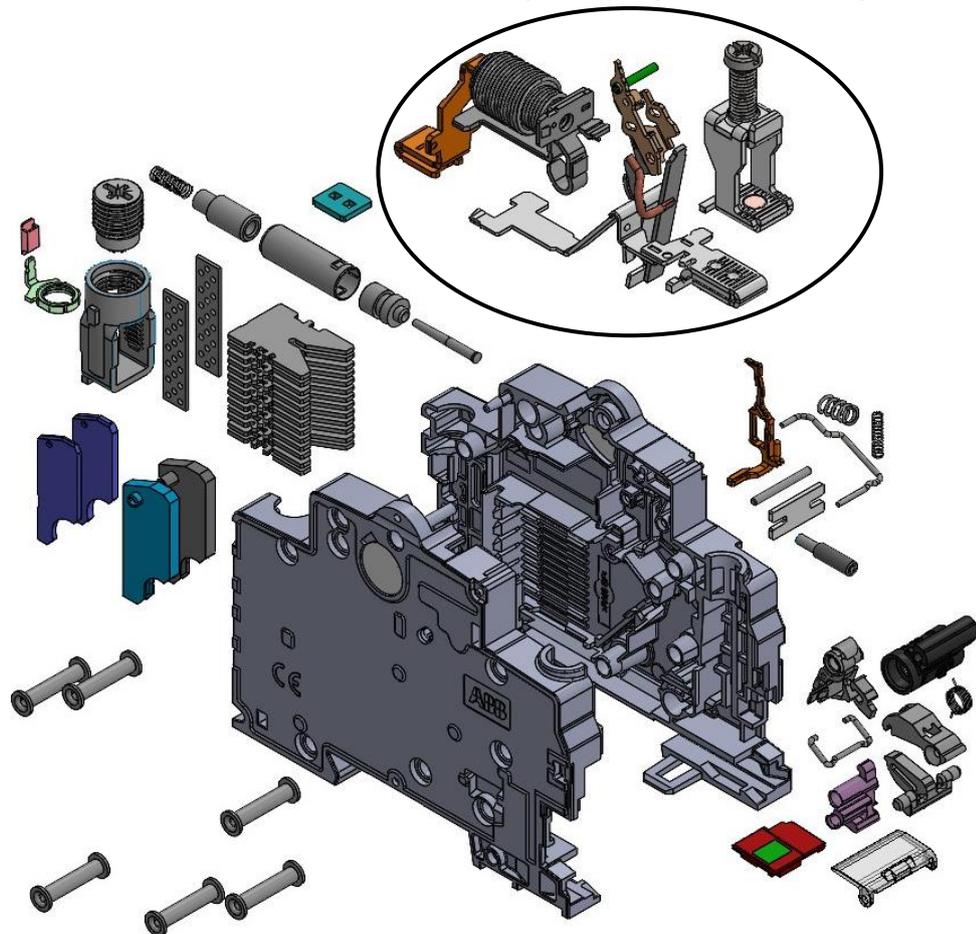
2.2. 1 pole product:

At this point, all single poles will be dismantled the same way.

Firstly, remove the rivets, then you will be able to take off the cover and access all the internal parts.



The different parts will be extracted until reaching the configuration of the figure below.



Circled parts have soldered or riveted pieces that cannot be manually disassembled.

3. Constituent materials

Plastics		Metals		Packaging	
PA	28.0%	Steel	46.7%	Corrugated Box	13.4%
PA Glass Reinforced	1.1%	Copper	5.6%		
POM	0.9%	Aluminum	1.7%	Other materials	0.1%
Miscellaneous	2.0%	Miscellaneous	0.5%		

Weight percentage of a single pole.

4. Additional Information

Weight per Pole	132.8 g
Overall dimensions (H x D x W)	89 x 94.5 x 69 mm