

— S750DR

End of Life Instruction

Decommissioning instructions available to enable responsible recycling or disposal



PREPARED		DOCUMENT KIND		SECURITY LEVEL		
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OWNING ORGANIZATION		DOCUMENT ID.		REV.	LANG.	PAGE
ABB - ELSB		9AKK108469A4877		C	en	1/5
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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 the end-of-life instructions is intended for use by customers and recycling companies which outline the responsible recycling or disposal method of the ABB product.

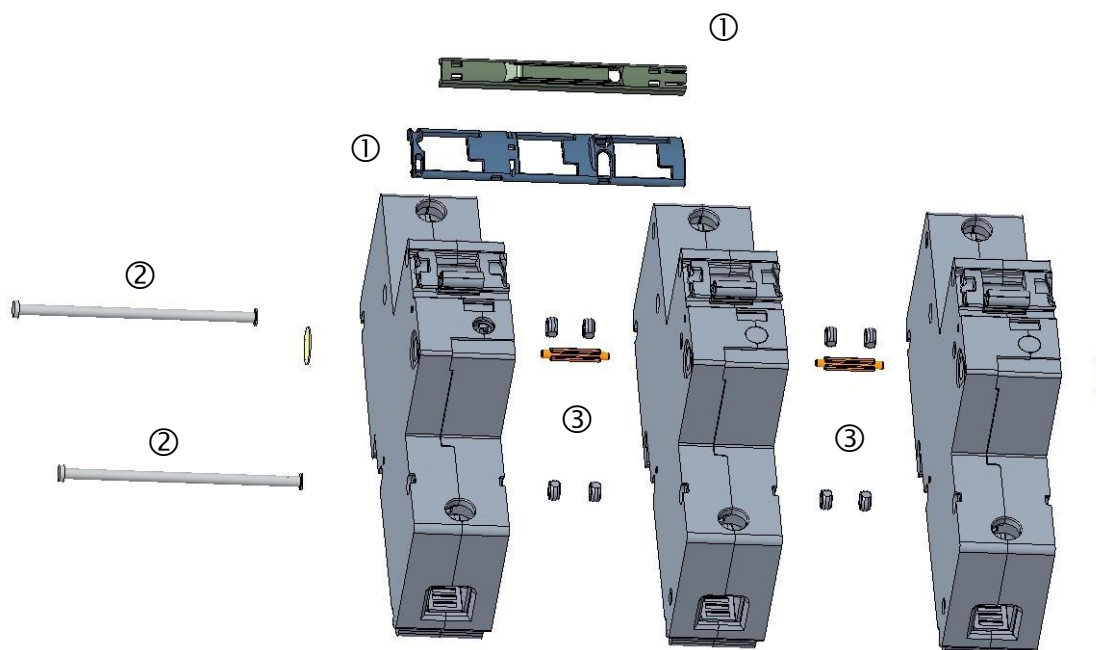
Selective main circuit-breakers of the S 750 DR series are SMCBs based on DIN VDE 0641-21 with voltage-independent operating principle. This means that they do not rely on a control circuit to make or break contact (SHU) and are therefore particularly suitable for use in energy distribution systems with maximum availability requirements. They offer total selectivity to downstream MCBs and outstanding selectivity to upstream protective devices due to unique current limiting selectivity.

2. Dismantling instructions

2.1. More than 1 pole product:

In case of more than 1 pole, first, the handle toggle⁽¹⁾ and the two marked rivets⁽²⁾ should be removed to split the product into simple poles.

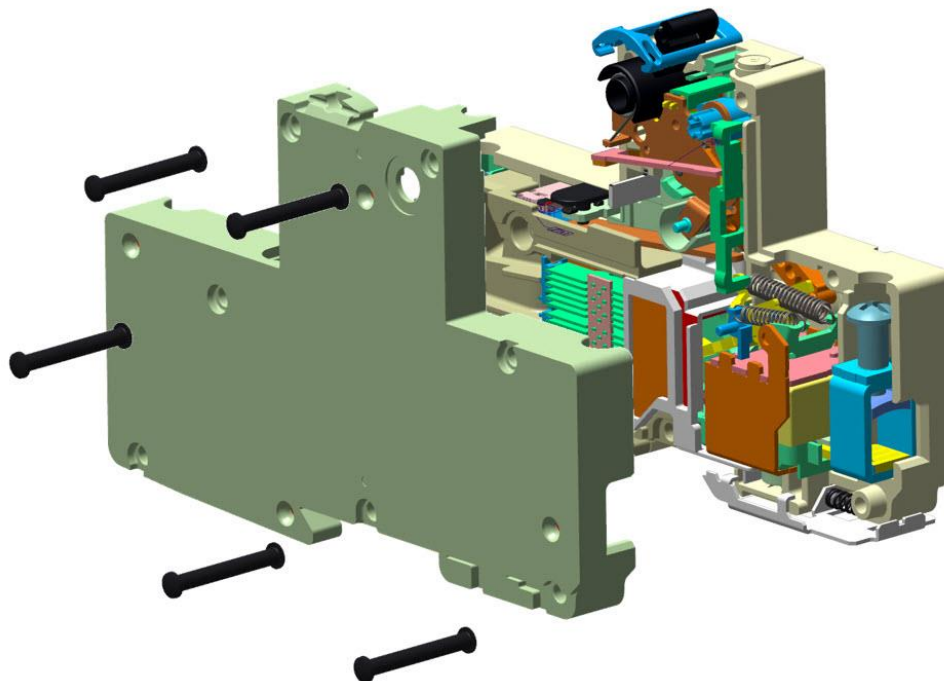
Then, there are some intermediate pieces that can then be easily removed⁽³⁾.



2.2. 1 pole product:

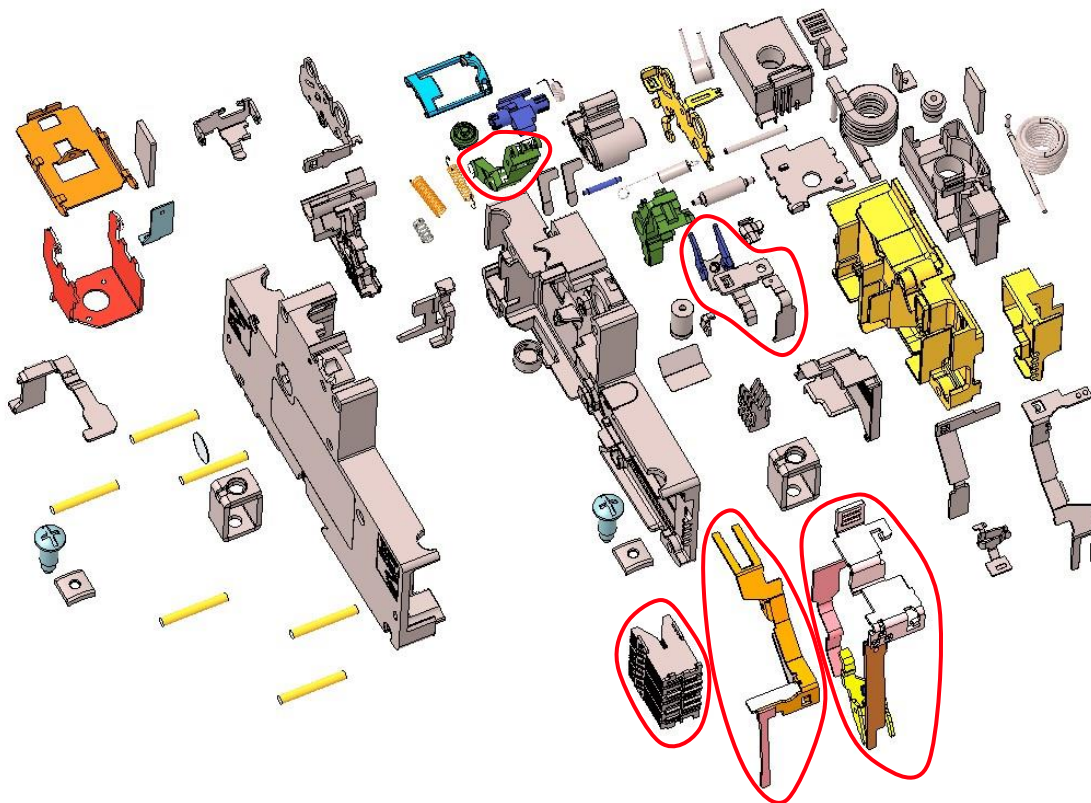
On that point, all single poles will be dismantling on the same way.

Firstly, remove the rivets (only 5 rivets left in products of more than 1 pole), then you will be able to take out the cover and access to all the internal parts.



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

*Rounded parts have soldered or riveted pieces that cannot be easily disassembled.



3. Constituent materials

Plastics		Metals		Packaging	
Polyester	41.7%	Steel	31.0%	Cardboard	6.1%
PA6, PA666	3.4%	Copper	11.0%	Paper	0.5%
Others	1.6%	Brass	0.7%		
		Aluminum	0.9%	Others	1.5%
		Others	1.2%		

Weight percentage of a single pole.

4. Additional Information

Weight per Pole	355g
Overall dimensions (H x D x W)	128 x 91.1 x 26.8 mm
Recyclability rate	40.4%