DS202CR & DSH202CR

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
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Contents

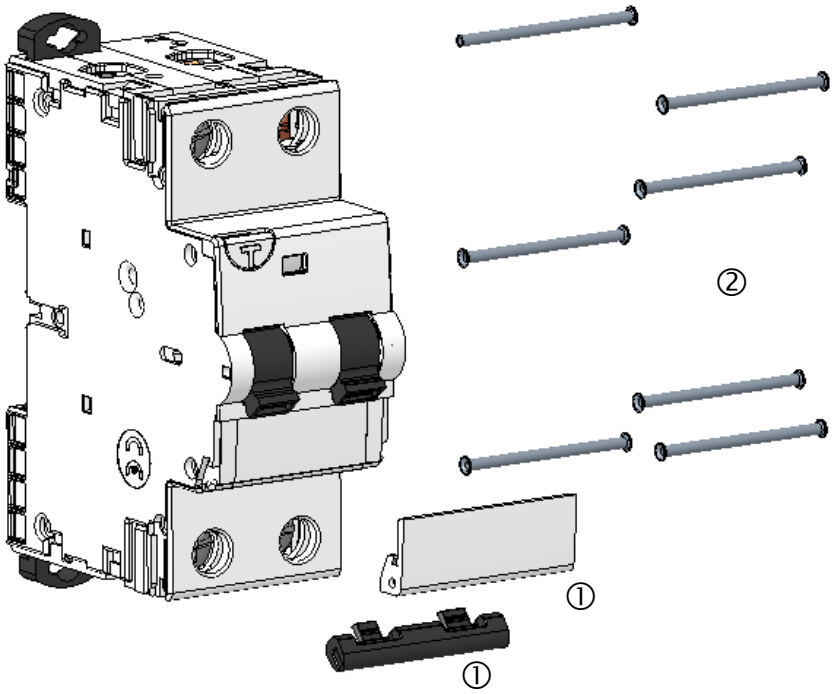
1. Purpose and Basic Description

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 instructions is intended for use by customers and recycling companies which outline the responsible recycling or disposal method of the ABB product.

DS202CR and DSH202CR series are designed to be used in installations of breaking capacities from 4,5kA up to 10kA. They combine overcurrent (short circuit and overload) and earth fault protection in 2 protected poles and are suitable in low voltage systems connected to the phase to neutral and phase to phase distribution network, such as IT system network.

2. Dismantling instructions

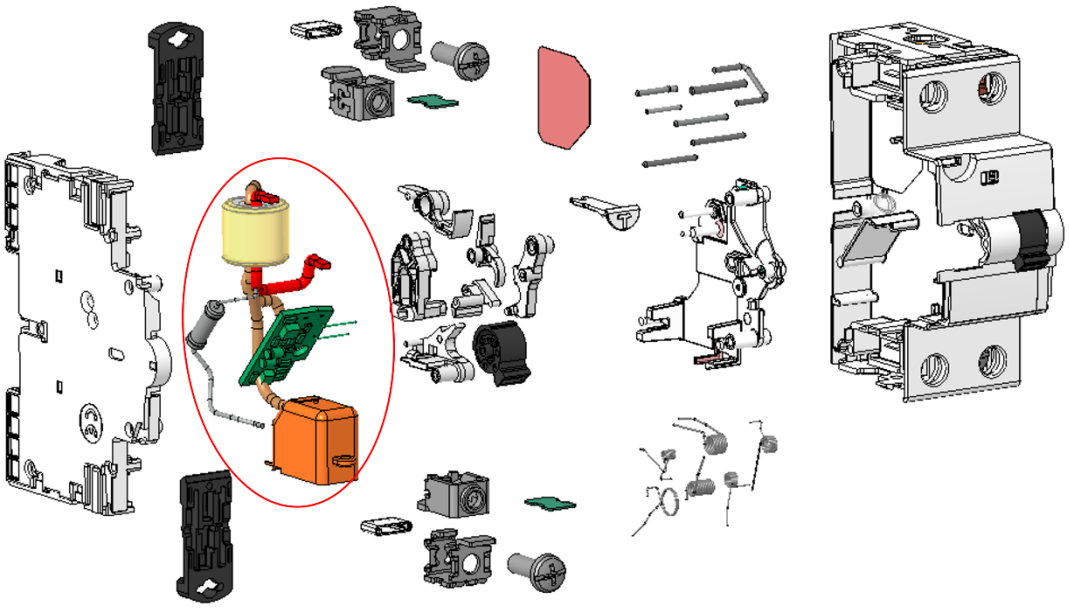
First step, the label(1) and the handle toggle(1) should be removed to split the various covers of product.



The second step is to remove the 7 rivets(2), then you will be able to take out the covers and access to all the internal parts.

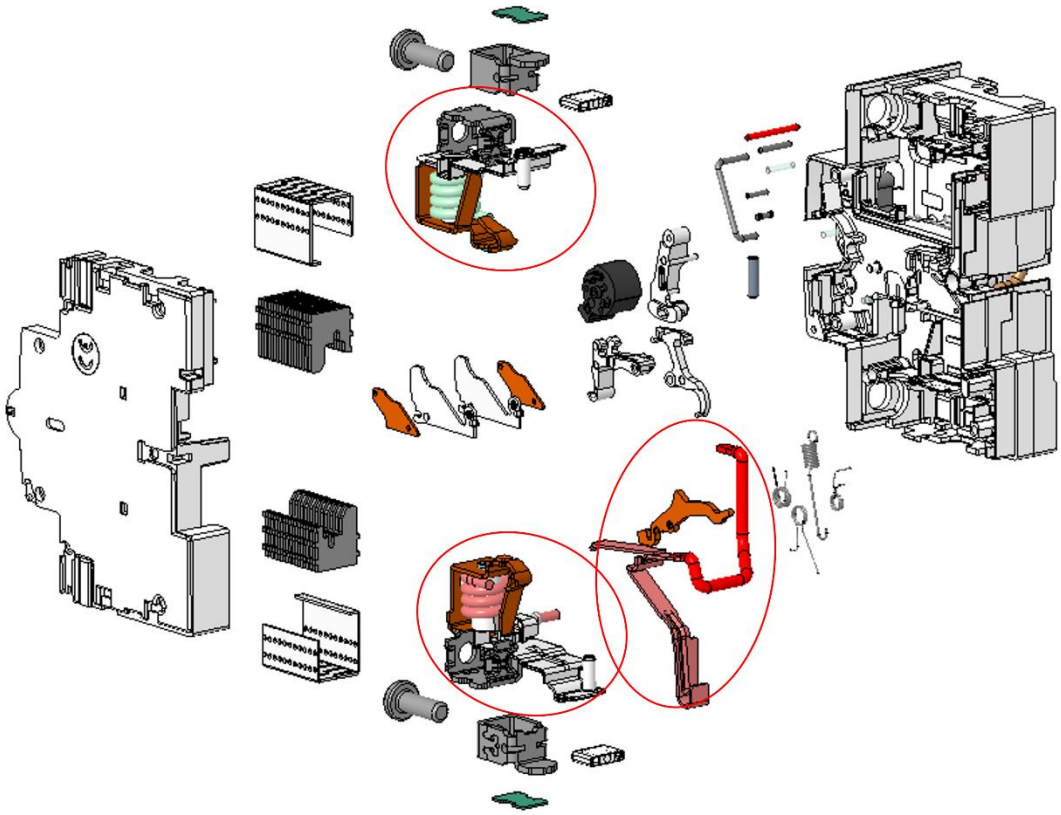
As the URCBO 2M protects 2 poles, in two modules, against earth fault currents and overload and short-circuit currents, it has three distinct sides (RCD side, MCB external side and MCB internal side). The parts of each of them will be extracted until reaching the configuration shown in the figures below:

2.1. RCD Side



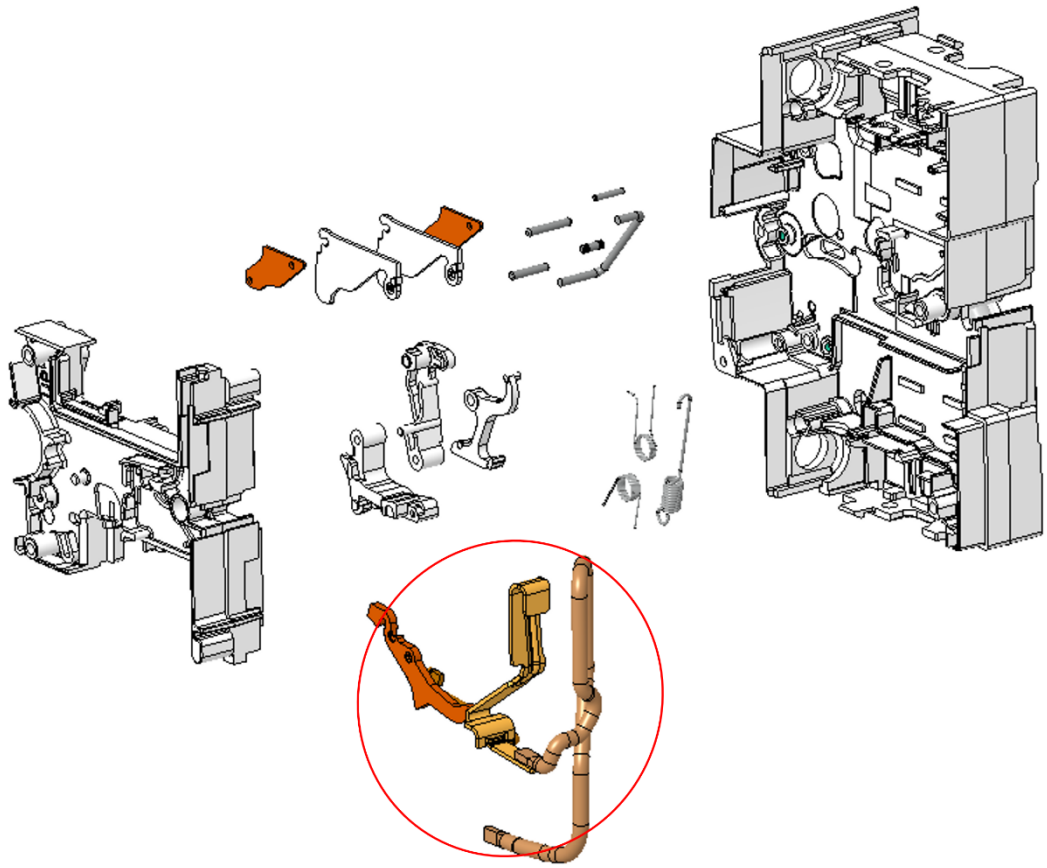
*Rounded parts have welded pieces that cannot be manually disassembled.

2.2. MCB External Side



*Rounded parts have welded pieces that cannot be manually disassembled.

2.3. MCB Internal Side

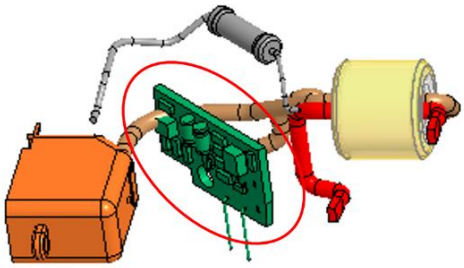


*Rounded parts have welded pieces that cannot be manually disassembled.

2.4. Electronic Board

In the welded subassembly on the RCD side there is an Electronic Board (its size depends on the leakage current type), this component must be depolluted to assure an appropriate end of life treatment.

Leakage Current Type	Weight
A	0, 7 g
AC	0, 7 g
APR	1,8 g



3. Constituent materials

Plastics		Metals		Others	
PA & PA GF	29,0%	Steel	33,8%	Cellulose	0,5%
PBT & PBT GF	4,0%	Copper	14,9%	PCB	0,3%
PC & PC GF	1,6%	Iron Alloys	4,2%	Resistor	0,3 %
POM	1,2%	Aluminium	0,9%	Paper	0,2%
Other Plastics	2,1%	Other metals	0,3%		

*% of total weight.

4. Additional Information

Weight	222,95 g
Overall dimensions (H x D x W)	86 x 72 x 36 mm