

— DS203NC

End of Life Instruction

Decommissioning instructions available to enable responsible recycling or disposal



PREPARED 2024-04-10 Angelo Giugno	DOCUMENT KIND EoL Instructions	SECURITY LEVEL Public		
OWNING ORGANIZATION ABB - ELSB	DOCUMENT ID. 9AKK108469A7475	REV. A	LANG. en	PAGE 1/7

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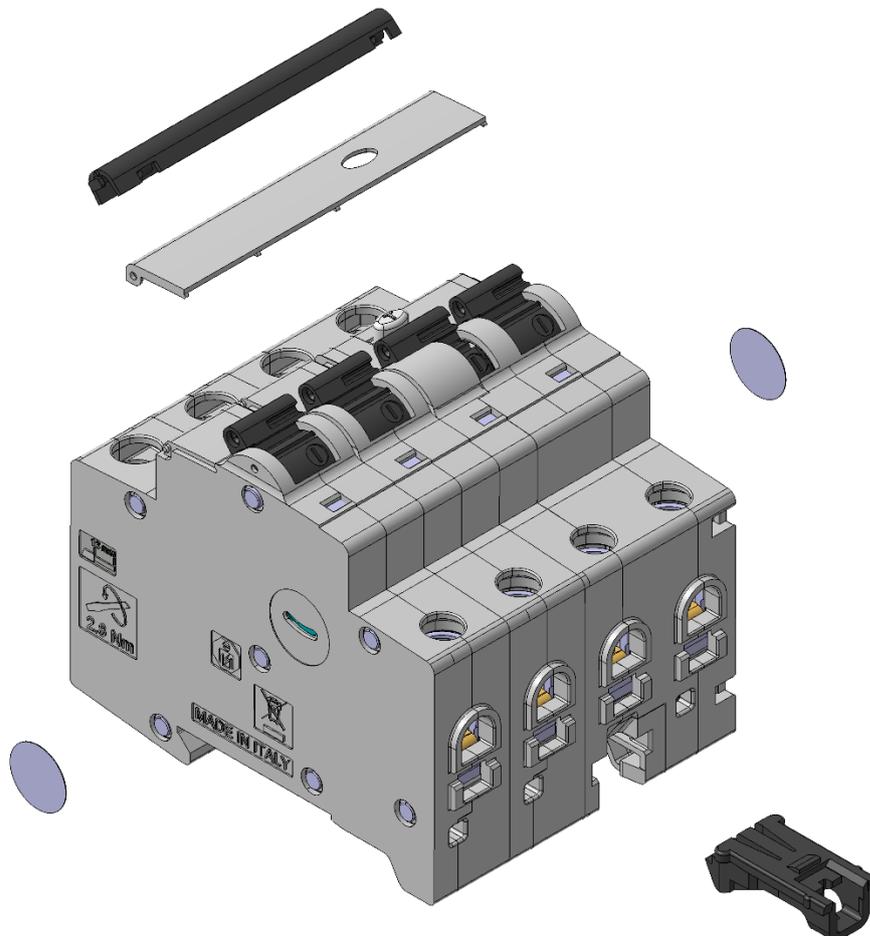
1. Purpose and Basic Description

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

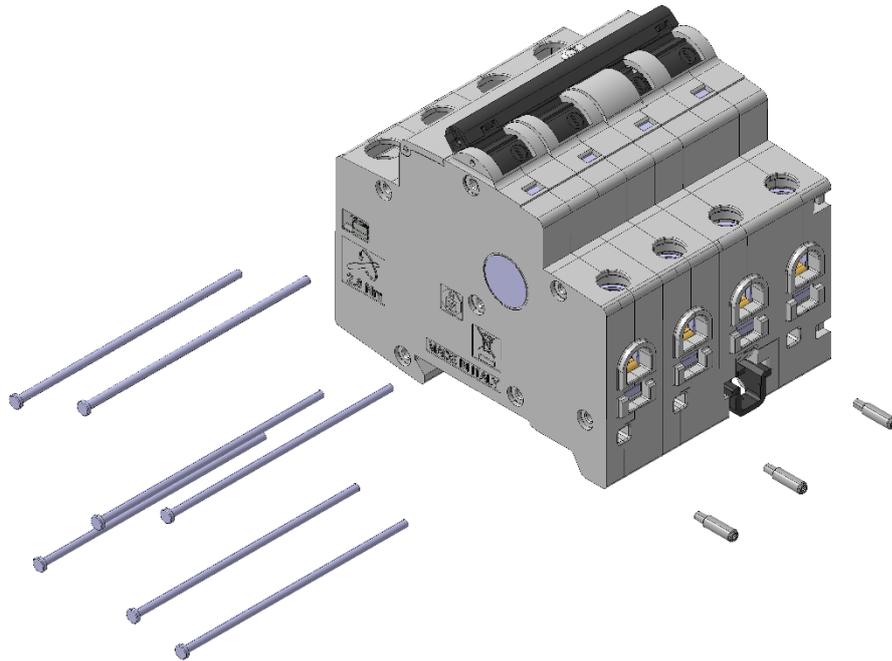
The DS203NC series is a 3P+N in four modules for the protection against short-circuit currents, overload, earth fault currents, indirect contacts, additional protection against direct contacts. These products are designed to be used in residential, commercial and industrial applications.

2. Dismantling instructions

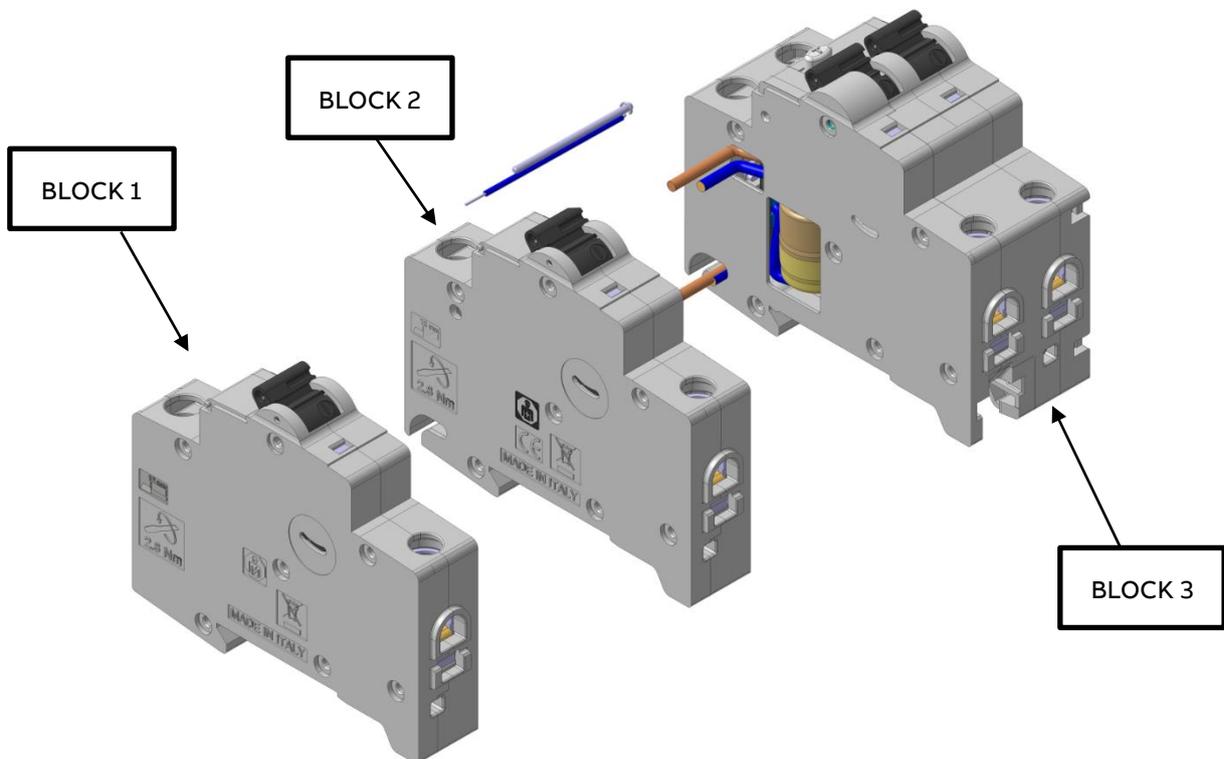
First step: the handle toggle, the labels and the rail clip should be removed to split the various blocks of product.



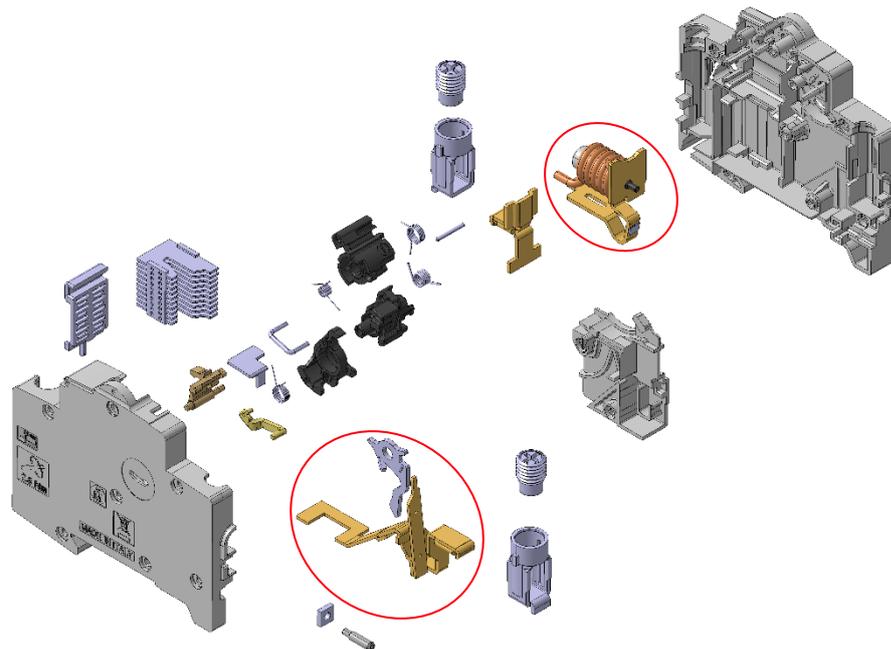
Second step: remove the rivets (7 rivets) and the calibration screws (3 screws), then you will be able to take out the blocks.



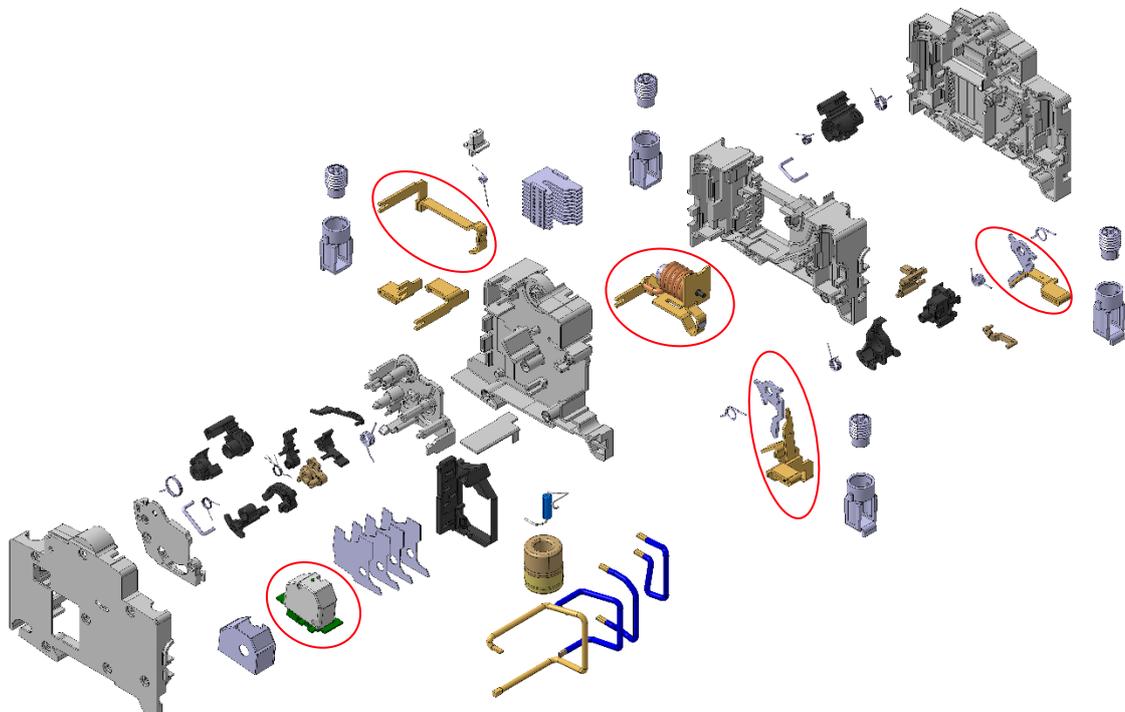
Third step: there is a compact primary, a test button pin, and a test button cable that must be cut before splitting the 3 blocks and accessing all internal parts



The different parts of block 1 and block 2 will be extracted until reaching the configuration of the figure below.



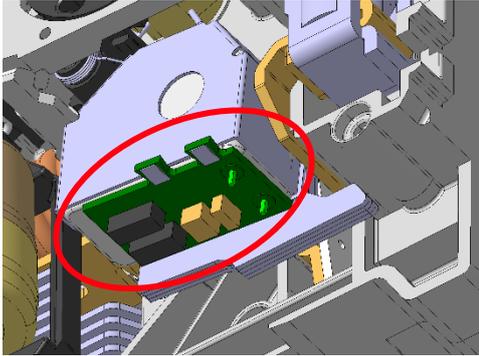
The different parts of block 3 will be extracted until reaching the configuration of the figure below.



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

2.1.1. Electronic Board

At the end, the Electronic Board must be depolluted to assure an appropriate end of life treatment.



Weight of the Electronic Board = 0.5 g

3. Constituent materials

Plastics		Metals		Packaging	
PA	23%	Steel	42%	Cardboard	6.8%
PC	2%	Copper	9.2%	PE	0.1%
PTFE	0.8%	Aluminum	0.8%	Paper	0.5%
PPS	0.8%	Others	1.9%	Wood	2.5%
Glass Fiber	8.7%			Others	0.1%
Others	0.8%				

*% of total weight.

4. Additional Information

Weight	456.9g
Overall dimensions (H x D x W)	85 ⁽¹⁾ x 67.6 x 17.6mm

⁽¹⁾ Without considering rail clip