— FX202 A | FX204 A

End of Life Instruction

Decommissioning instructions available to enable responsible recycling or disposal

PREPARED		DOCUMENT KIND	SECURITY LEVEL		
2023-04-20	Marco Giambuzzi	EoL Instructions	Public		
OWNING ORGANIZATION		DOCUMENT ID.	REV.	LANG.	PAGE
ABB - ELSB		[9AKK108468A2307]	A	en	1/6

Contents

1. Purpose and Basic Description 3

2. Dismantling instructions 3

2.1. 2 & 4 Poles product: 3

2.1.1. 4 pole product: 4

2.1.2. Electronic Board 5

3. Constituent materials 6

3.1. Constituent materials 2P 6

3.2. Constituent materials 4P 6

4. Additional Information 6

1. Purpose and Basic Description

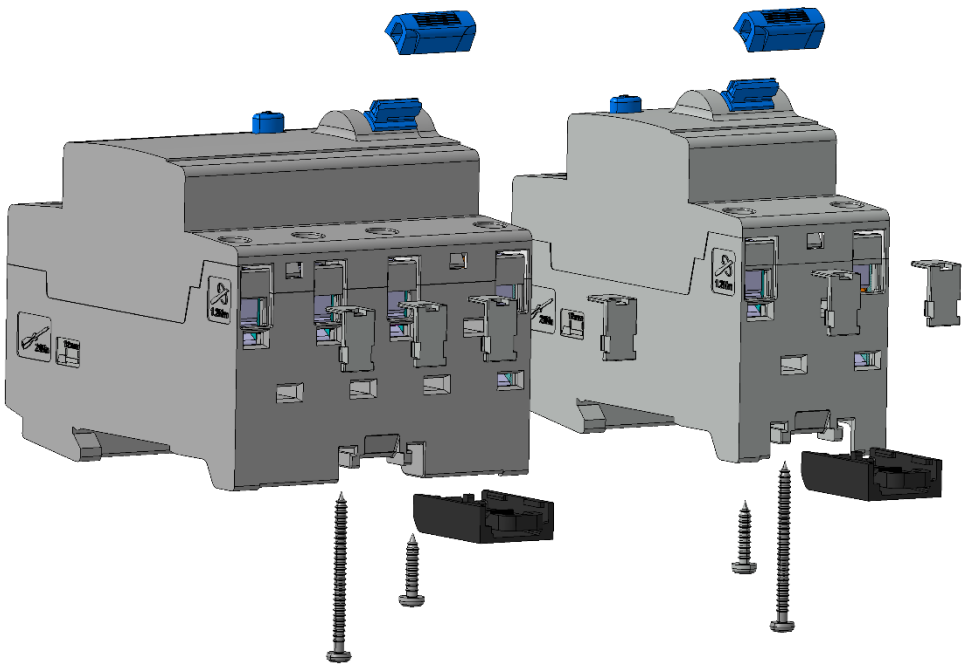
This product family is in the scope of European Union directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). The product family must be disposed according to the legislation of the country. This the end-of-life instructions is intended for use by customers and recycling companies which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

FX202 A and FX204 A are designed to be used in residential and light commercial applications, to protect against earth fault current.

2. Dismantling instructions

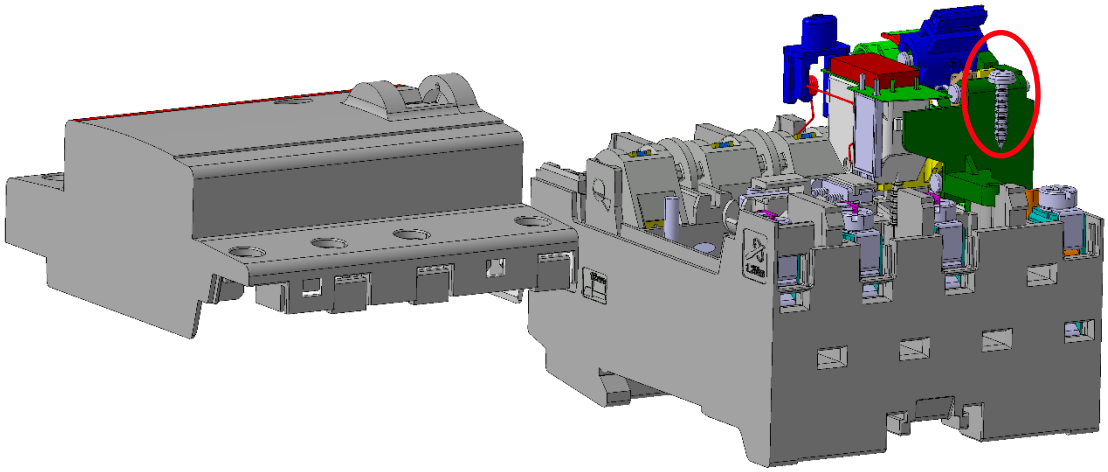
2.1. 2 & 4 Poles product:

First, remove the handle toggle, the Rail clip, the terminal protection and the screw , this part should be removed to split the cover from the housing.



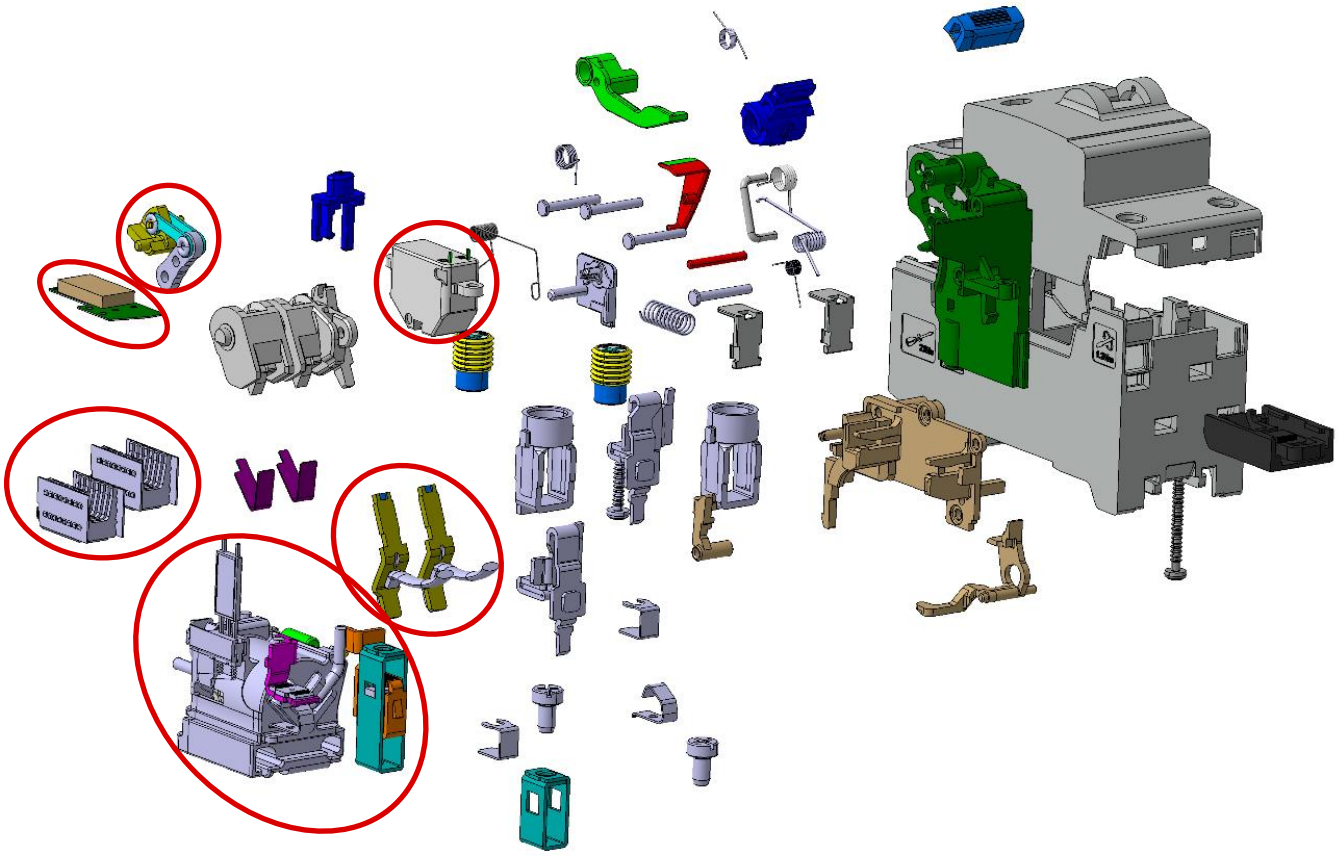
2.1.1. 4 pole product:

On this case, 4 poles products, there is an extra screw that needs to be remove before remove the mechanism from the housing.



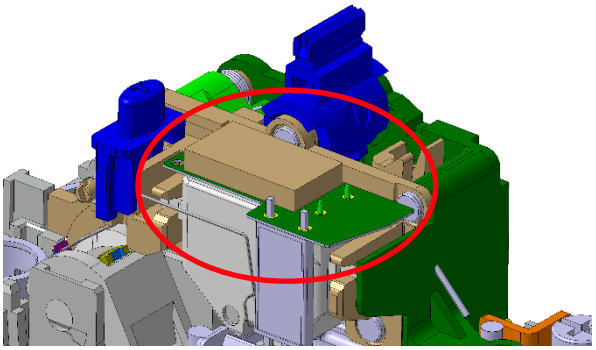
Once we remove the mechanism form the base, the different parts will be extracted until reaching the configuration of the figure below.

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



2.1.2. 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

3.1. Constituent materials 2P

Plastics		Metals		Packaging	
PA6 + GF	35.3%	Steel	26.2%	Cardboard	5.8%
PP + GF	4.6%	Copper	4%	PE	0.2%
PC-G + GF	0.6%	Aluminum	0.2%		
PC	1%	Others	15.4%		
Others	6.7%				

*% of total weight for two pole.

3.2. Constituent materials 4P

Plastics		Metals		Packaging	
PA6 + GF	33.4%	Steel	26.8%	Cardboard	8.7%
PP + GF	4.5%	Copper	4.8%	PE	0.1%
PC-G + GF	0.3%	Aluminum	0.1%		
PC	0.5%	Others	17.1%		
Others	3.7%				

*% of total weight for four pole.

4. Additional Information

Weight for 2 Pole	200 g
Weight for 4 Pole	350 g
Overall dimensions (H x D x W) 2P	86,5[(1)] x 68.9 x 35 mm
Overall dimensions (H x D x W) 4P	86,5[(1)] x 68.9 x 70 mm
Recyclability rate for 2 Pole	46.1%
Recyclability rate for 4 Pole	49.8%

(1) Without considering rail clip