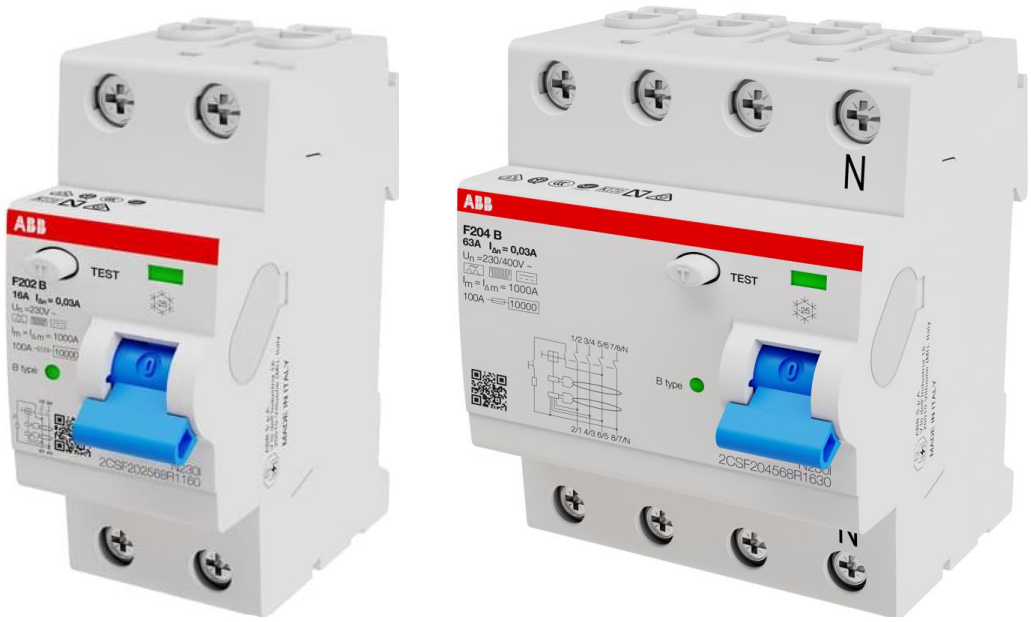
— F200 B Type

End of Life Instruction

Decommissioning instructions available to enable responsible recycling or disposal



PREPARED		DOCUMENT KIND	SECURITY LEVEL		
2024-04-10	Angelo Giugno	EoL Instructions	Public		
OWNING ORGANIZATION		DOCUMENT ID.	REV.	LANG.	PAGE
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Contents

1. Purpose and Basic Description

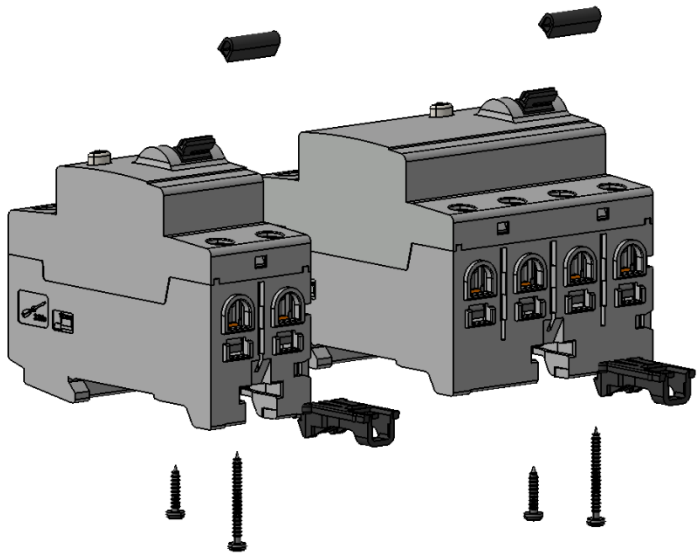
This product family is in the scope of European Union directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). The product family must be disposed according to the legislation of the country. This the end-of-life instructions is intended for use by customers and recycling companies which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

ABB F200 B Type are universal current-sensitive residual current circuit breakers RCCBs designed for industrial applications where there is increasing use of devices like frequency converters, medical equipment and UPS systems. The RCCB Type B protect faults occurred due to smooth DC residual currents or currents with low residual ripple which are common in the above applications

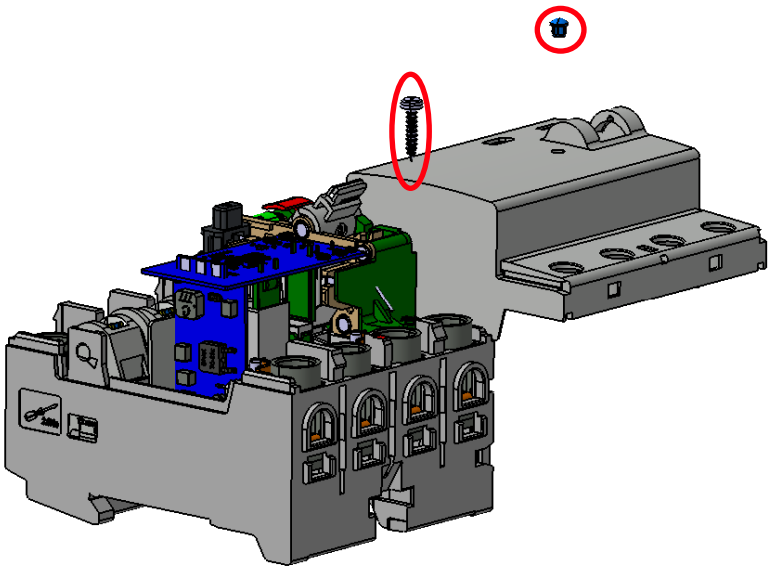
2. Dismantling instructions

2.1. 4 Poles product:

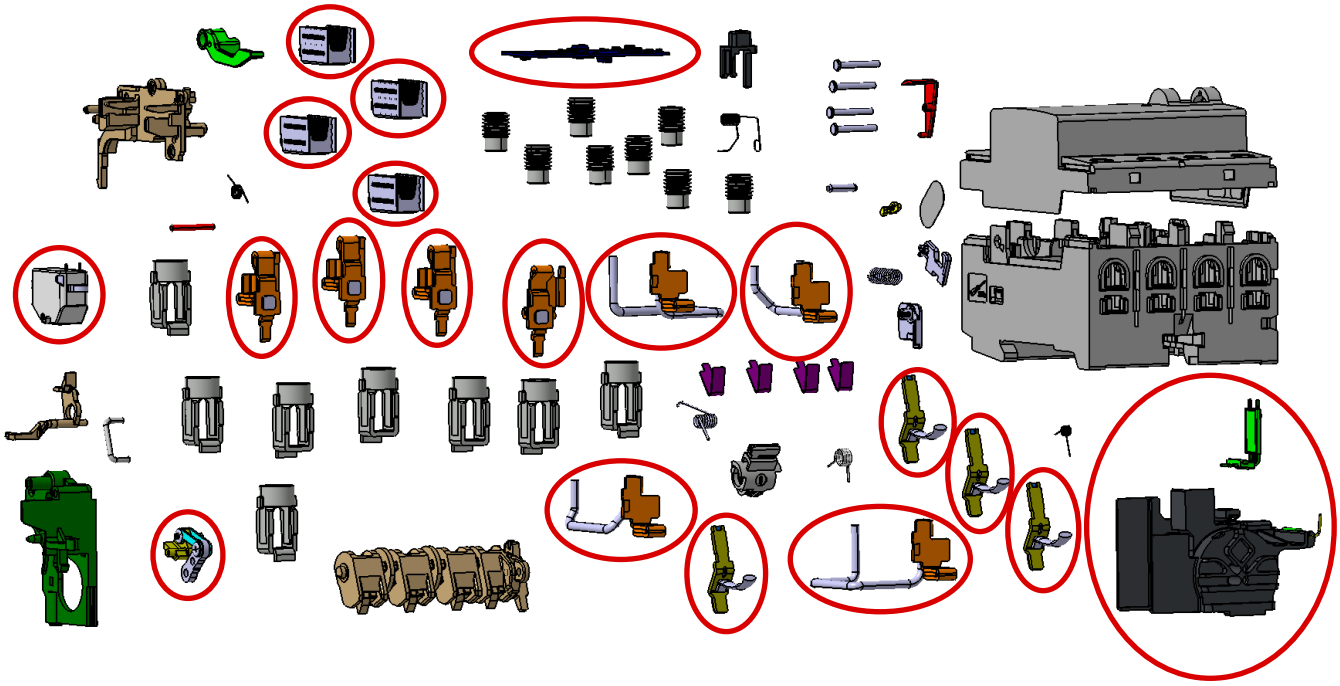
First, remove the handle toggle, the Rail clip, the sliders and the screws, this part should be removed to split the cover from the housing.



On this case, in 4 poles products, there is an extra screw that needs to be remove before remove the mechanism from the housing. At the same time, push off the led from the cover.



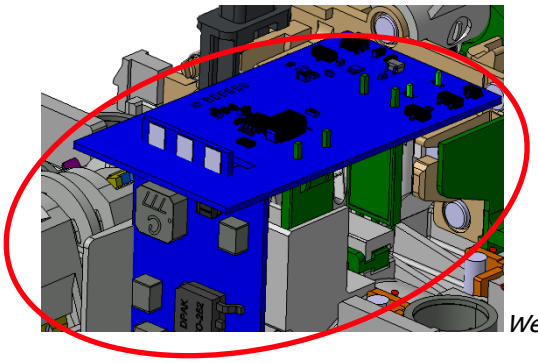
Once we remove the mechanism form the base, the different parts will be extracted until reaching the configuration of the figure below.



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

2.1.1. Electronic Board

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



Weight of the Electronic Board = 10.6 g

3. Constituent materials

3.1. Constituent materials

Plastics		Metals		Packaging + Others	
PA	22.6%	Steel	21.5%	Cardboard	6.5%
Glass Fiber	12.2%	Copper	13.2%	PE	0.2%
PPS	2.0%	Ferrous metals	1.5%	PCB	4.4%
PET	1.5%	Zinc	0.6%	Miscellaneous	2.5%
Others	1.0%	Other metals	2.1+0.3		

*% of total weight for four pole.

4. Additional Information

Weight for 4 Pole	380 g
Overall dimensions (H x D x W) 4P	86,5[(1)] x 68.9 x 70 mm

(1) Without considering rail clip