F404

End of Life Instruction

Decommissioning instructions available to enable responsible recycling or disposal

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Contents

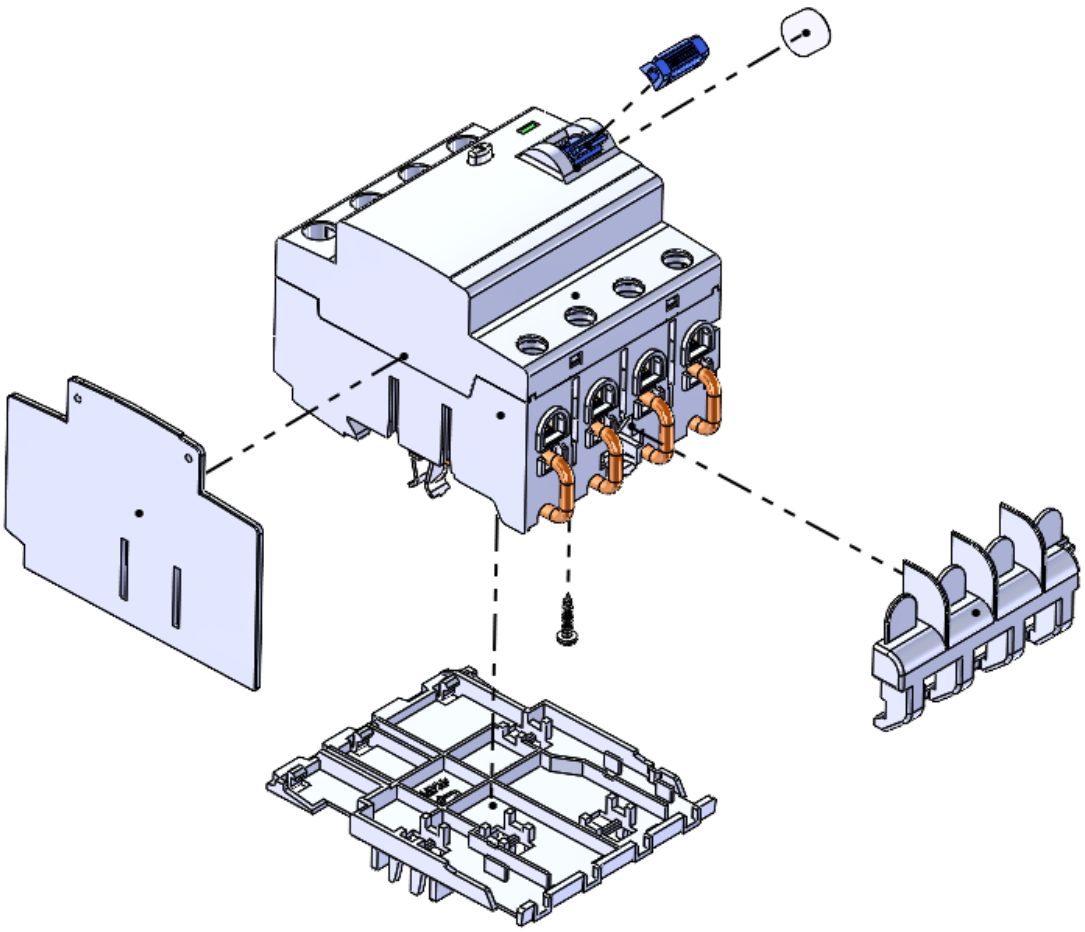
1. Purpose and Basic Description

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

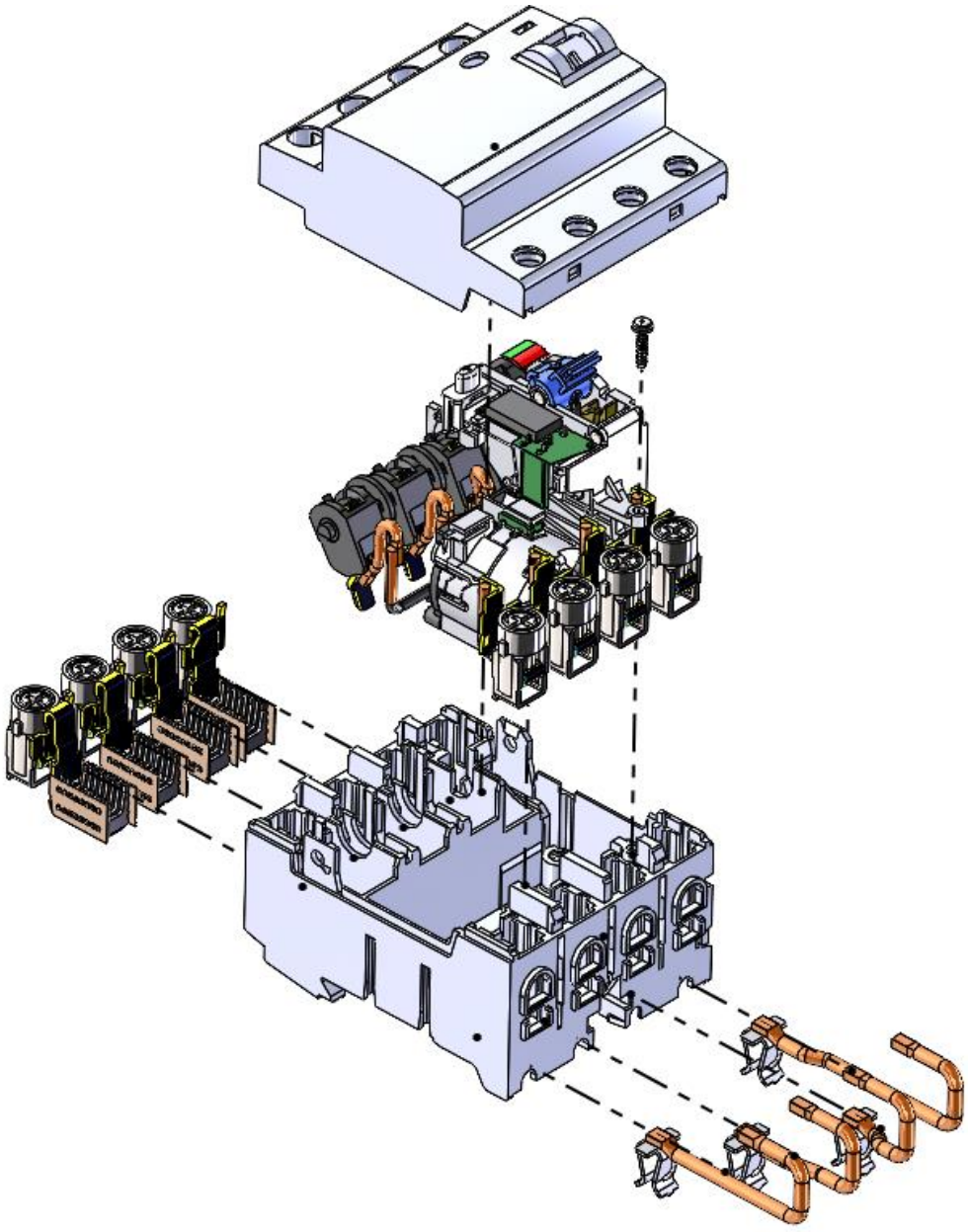
The ABB F404 products are Residual Current Circuit Breakers (RCCBs) specifically designed for industrial applications and intended to be mounted on SMISSLINE TP busbars systems. The RCCBs are critical safety devices for detecting and interrupting electrical leakage currents, thereby ensuring protection against electric shock caused by indirect contacts.

2. Dismantling Instructions

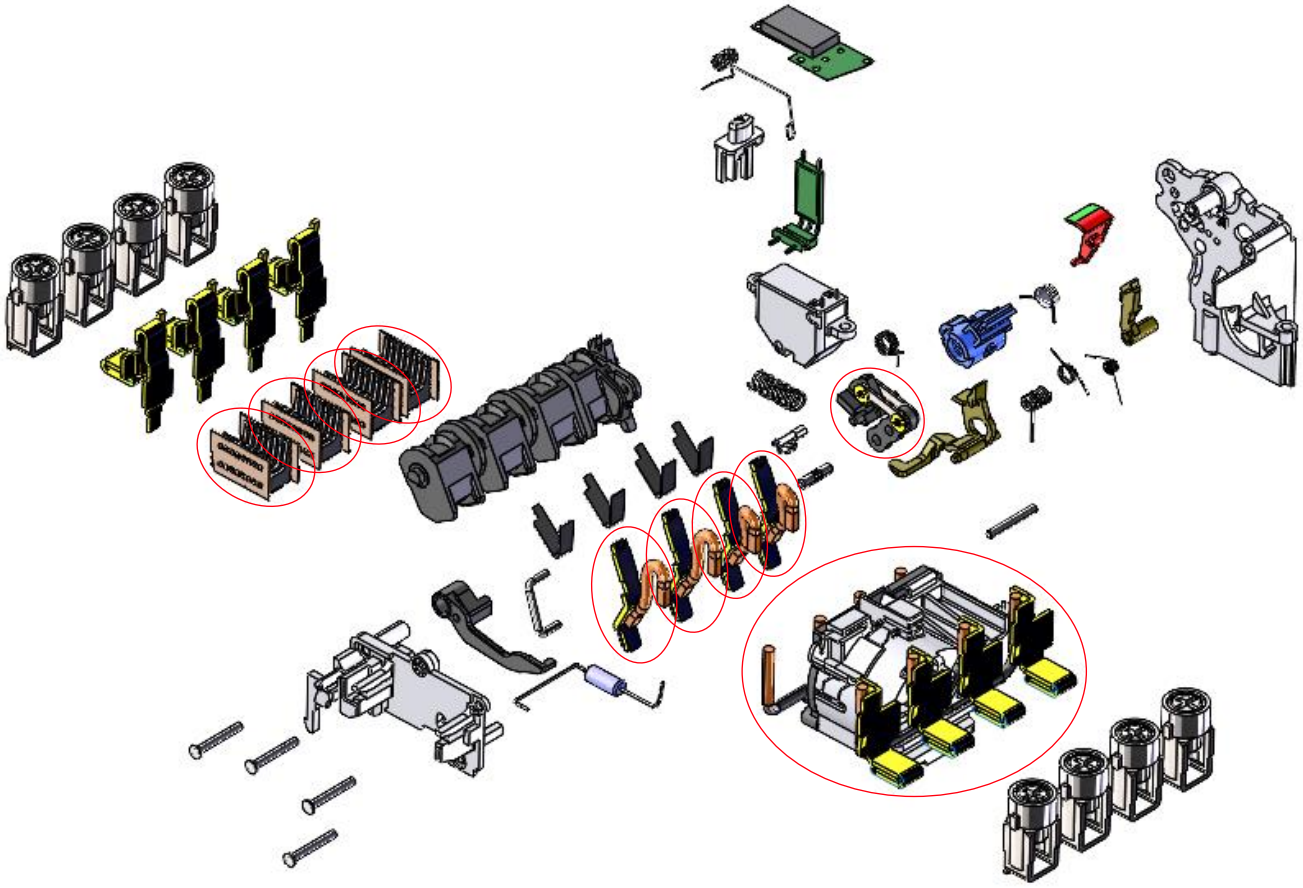
First, remove the handle toggle, the sticker and the bottom, rear and side covers one after the other. Then loosen the screw to enable opening the housing.



Next, remove the conductors with plug-on type terminals, disconnecting them from the corresponding screw type terminals. After opening the housing, remove the screw to extract all contents from the housing as shown in the configuration below.



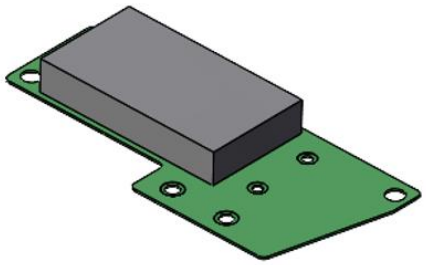
The different parts will be extracted until reaching the configuration of the figure below.



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

2.1. 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	17.9%	Steel	23.7%	Cardboard/Paper	14.5%
GF	9.9%	Cu	16.2%	PBT	1.1%
PC	7.4%	Brass	4.8%	Magnesium oxide, silicon	0.7%
PPS	0.9%	FeNi - FeNb	1.2%	Miscellaneous	0.7%
POM + PE	0.1 %	Al, Ag, Tin	0.7%	Wood	0.2%

*% of total weight.

4. Additional Information

Weight	426.9 g
Overall dimensions (H x D x W)	97 x 83 x 72 mm