EQ METERS A41, A42, A43, A44, B21, B23, B24, C11, C13

End of Life Instruction

Decommissioning instructions available to enable responsible recycling or disposal.

NOTE: *Weight and percentage of materials refers to* ***B23 111-100*** *EQ Meter*

PREPARED		DOCUMENT KIND	SECURITY LEVEL		
2024-10-18	Enrico Borgnis	EoL Instructions	Public		
OWNING ORGANIZATION		DOCUMENT ID.	REV.	LANG.	PAGE
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Contents

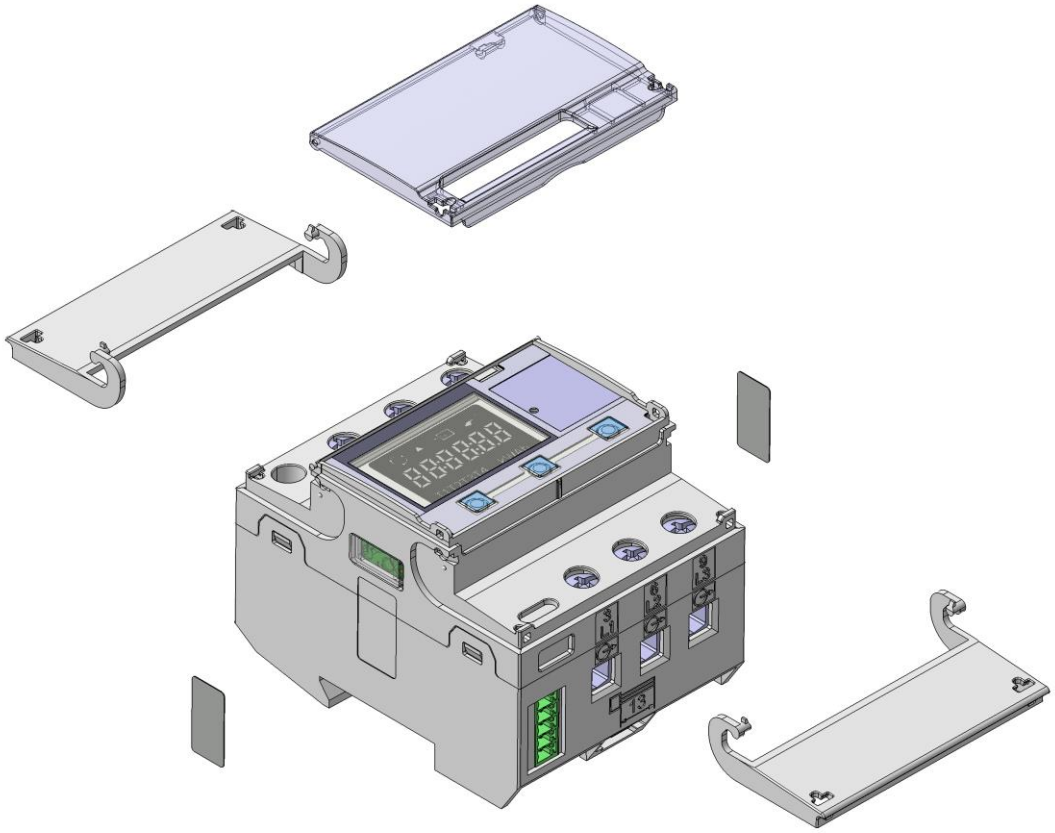
1. Purpose and Basic Description

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.

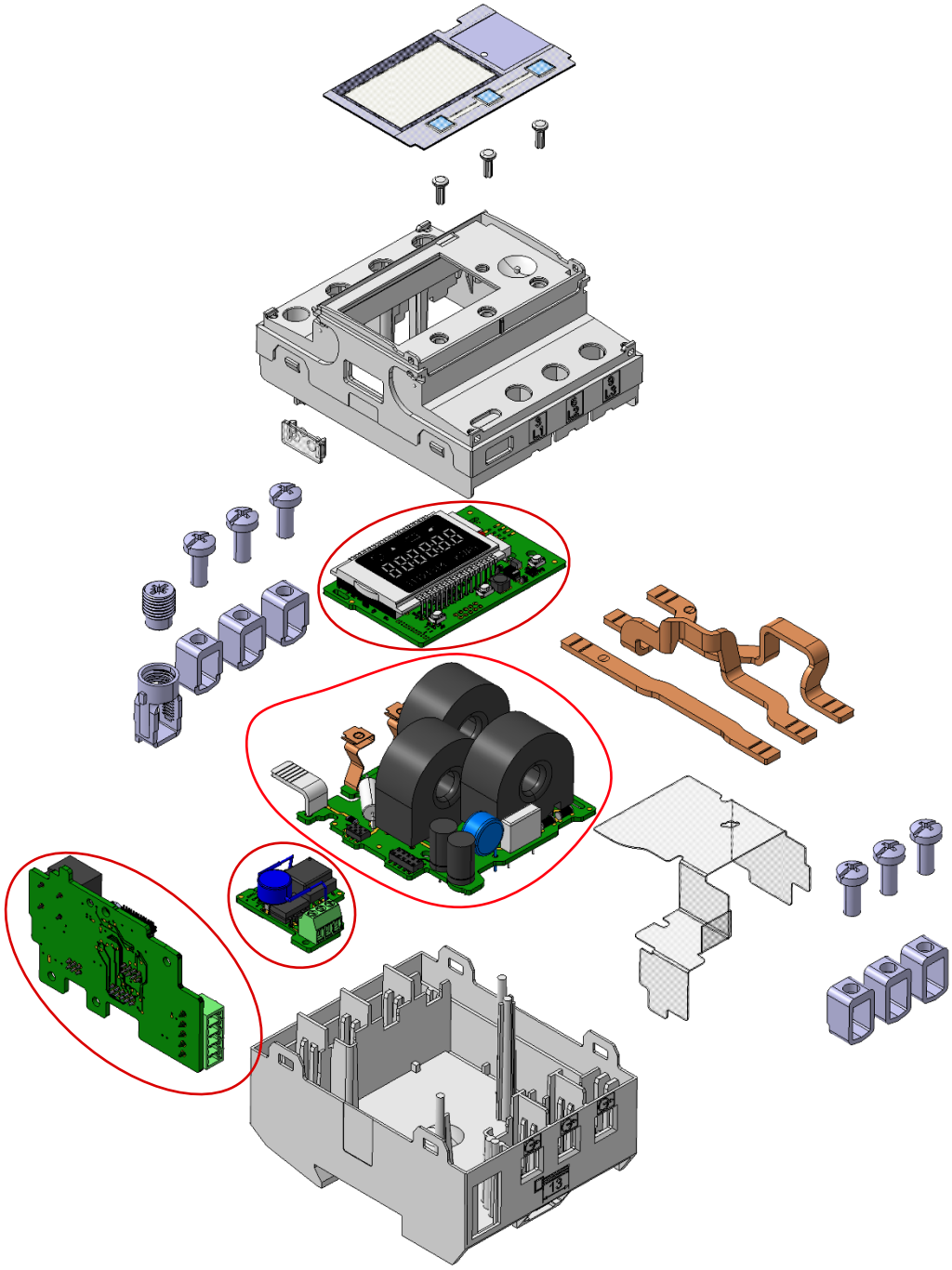
Energy Meter range is designed to be used in residential, commercial and industrial applications to provides complete and accurate electrical parameters monitoring and basic energy quality analysis.

2. Dismantling instructions

Firstly, remove the labels, the sliders and the rail clips. These parts should be removed to split the cover from the housing.



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

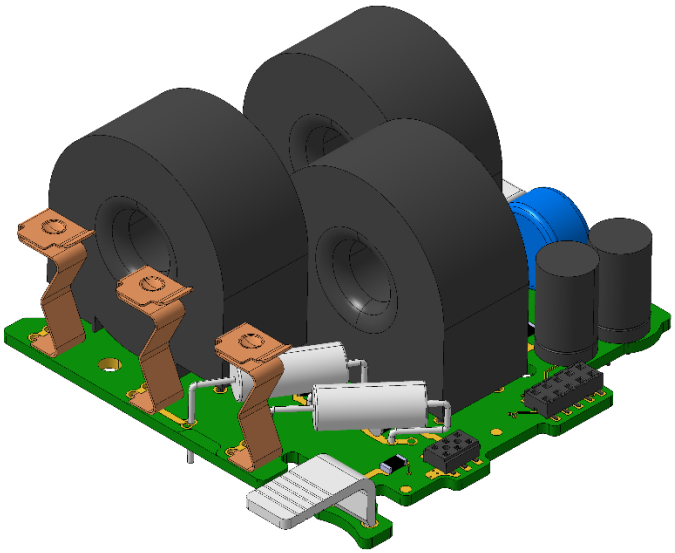


*Rounded parts have soldered or riveted pieces that cannot be manually disassembled.

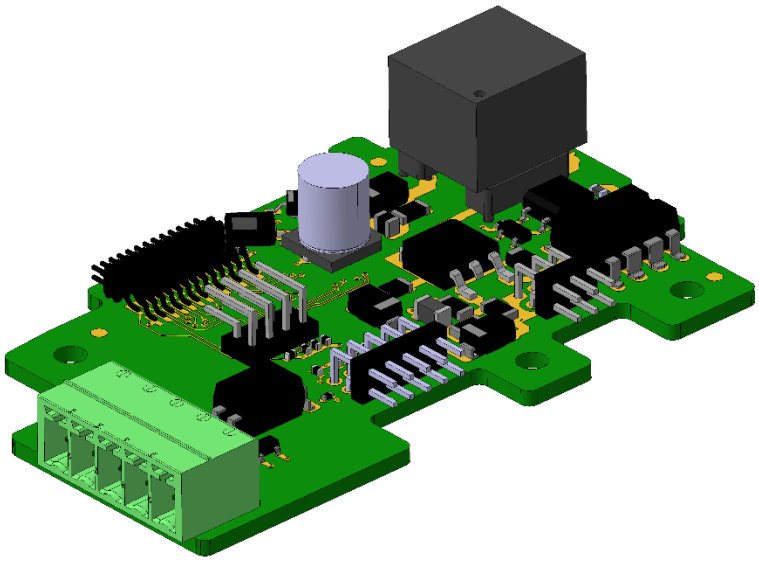
2.1. PCBAs

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

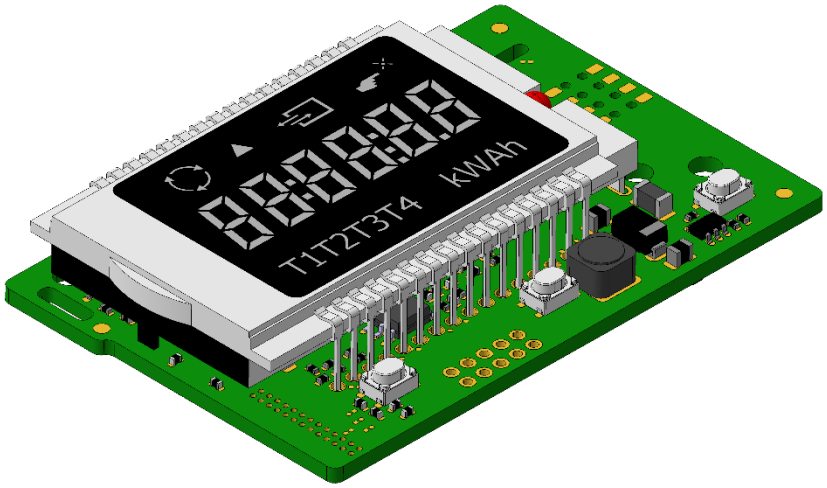
2.1.1. Input board 2CMR202811A1001 (weight 94 g)



2.1.2. Interface board 2CMR200304A1001 (weight 18,7 g)

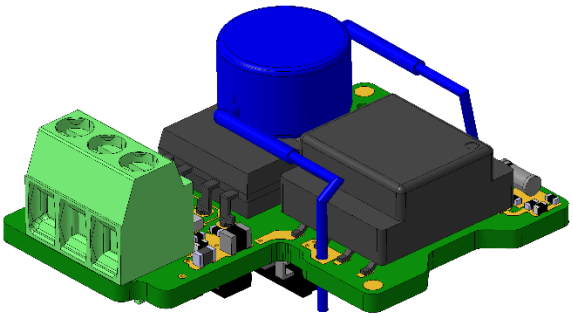


2.1.3. Main board 2CMR200572A1001 (weight 22,5 g)



2.1.4. RS485 board 2CMR200493A1001 (weight 7,3 g)

In case you have Modbus energy meter, you have to remove also the following RS485 board:



3. Constituent materials

	weight (g)	% of the weight
Plastics	86,8	28%
metals	164,3	53%
Other (including electronics)	58,9	19%
Tot	*310*	*100%*

4. Additional Information

Weight	310g
Overall dimensions (H x D x W)	97X70X65 mm