D11 15

End of Life Instruction

Decommissioning instructions available to enable responsible recycling or disposal

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2023-10-03	Carlota García	EoL Instructions	Public		
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Contents

1. Purpose and Basic Description 3

2. Dismantling instructions 3

2.1. PCBAs 5

3. Constituent materials 6

4. Additional Information 6

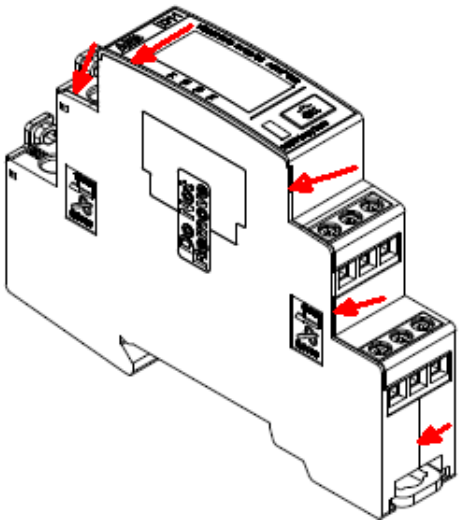
1. Purpose and Basic Description

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.

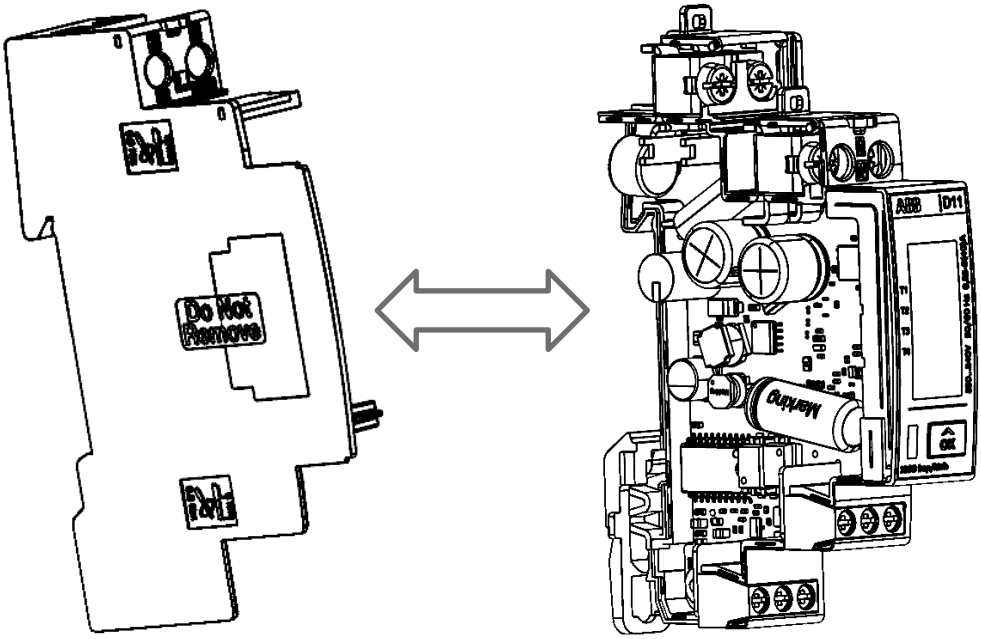
D11 15-40 range is designed to be used in residential, commercial and industrial applications to measure the electrical energy consumed by the downstream circuit.

2. Dismantling instructions

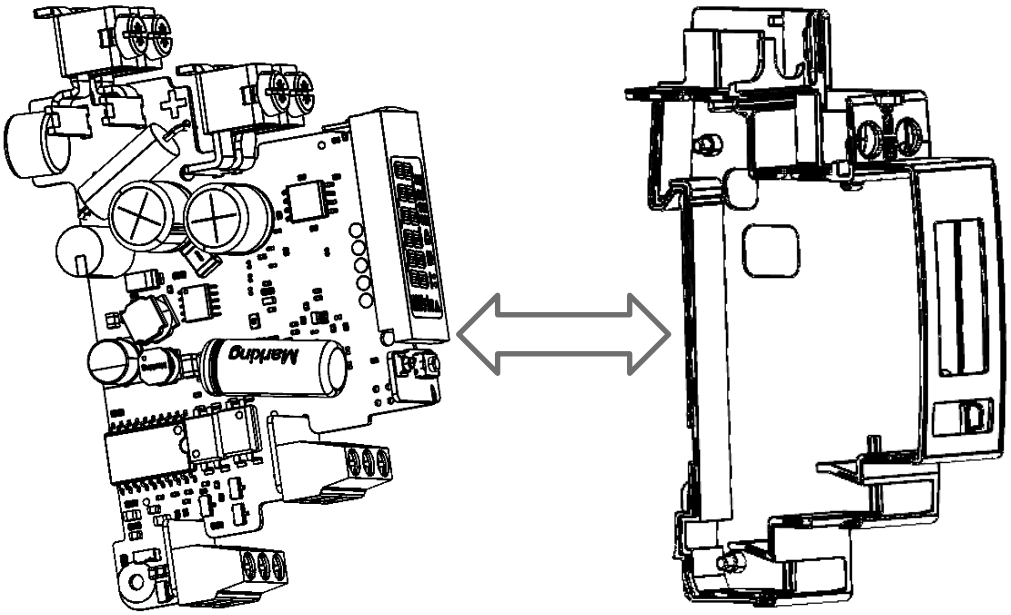
First step: the product is ultrasonic welded, so to disassemble it is necessary to force to separate the housing (base and cover) with a tool:



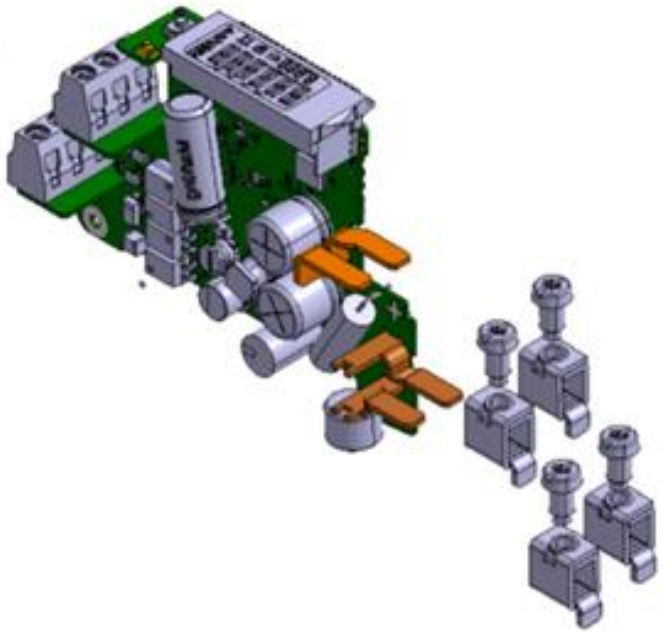
Now you will have the base (with the PCBA) and the cover:



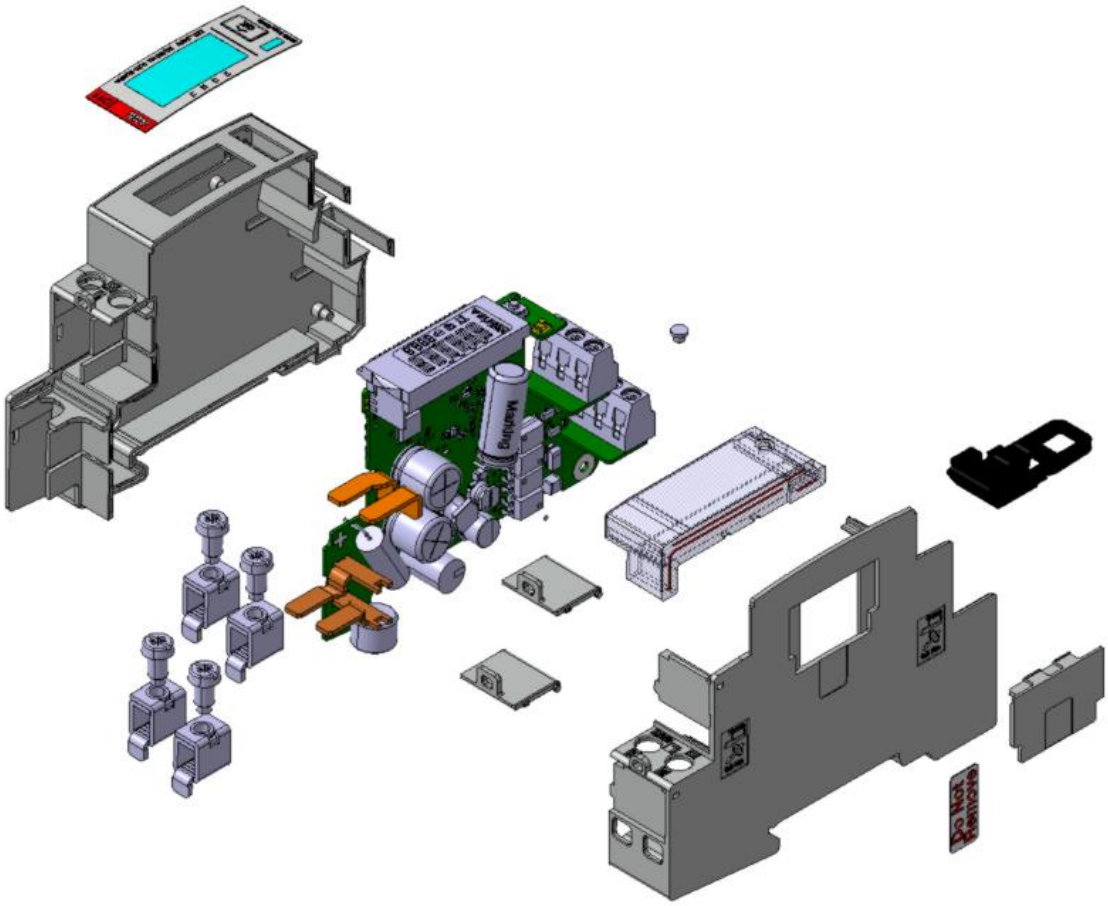
Second step: Dismantling the PCBA from the base housing:



Third step: Dismantling the PCBA from the terminals:

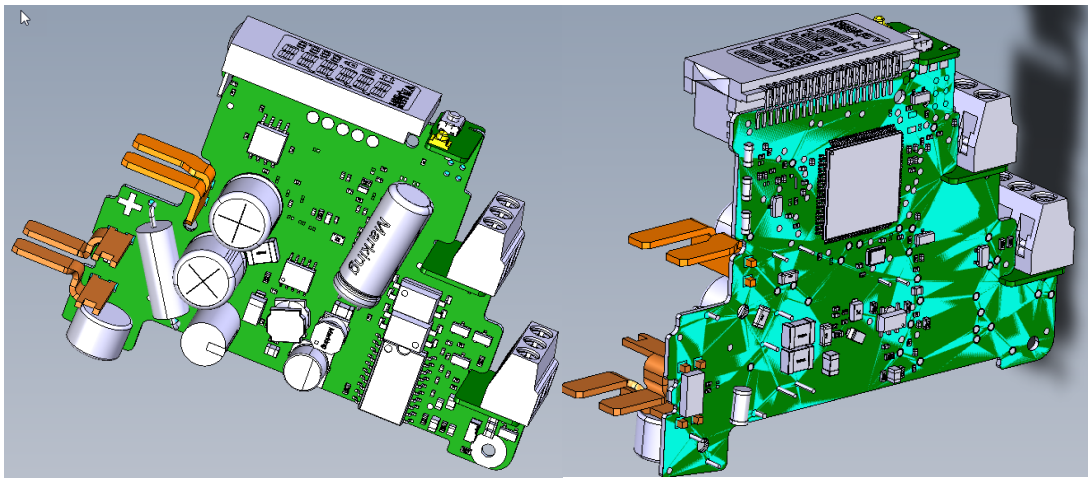


Following a picture of the parts inside the meter



2.1. PCBAs

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



3. Constituent materials

	weight (g)	% of the weight
Polycarbonate	25,85	36,6 %
Steel	12,8	18,0 %
Other polymer	1,5	2,1 %
PCBA	30,7	43,3 %
Tot	*70,85*	*100%*

4. Additional Information

Weight	70,85 g
Overall dimensions (H x D x W)	90 x 65 x 18mm