— SCU100

End of Life Instruction

Decommissioning instructions available to enable responsible recycling or disposal

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2024-10-29	Giuseppe A. Bianchi	EoL Instructions	Public		
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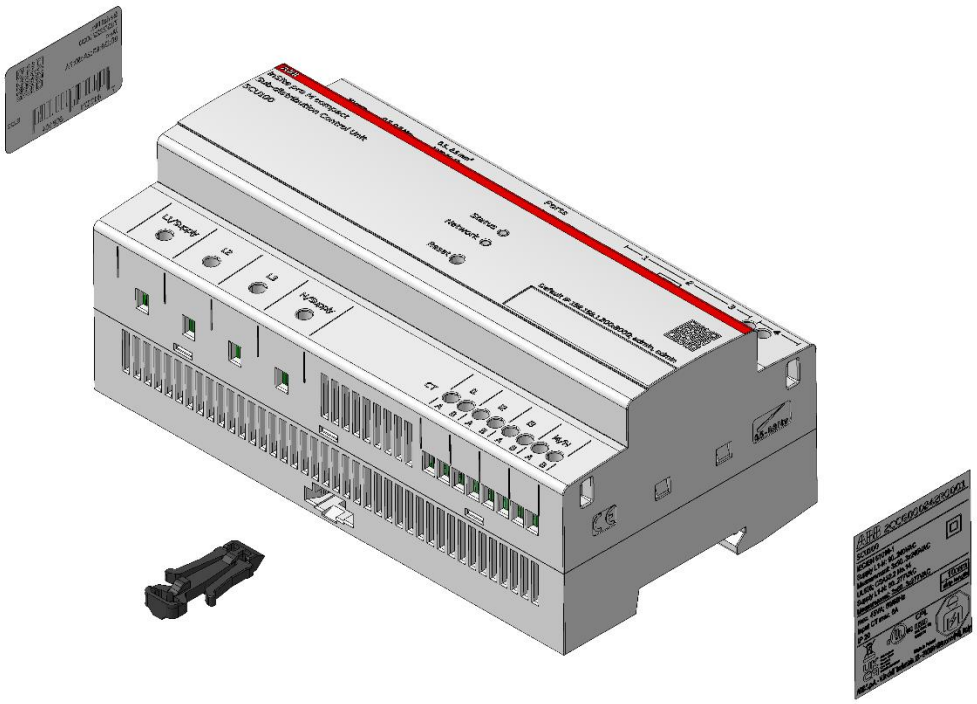
1. Purpose and Basic Description

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

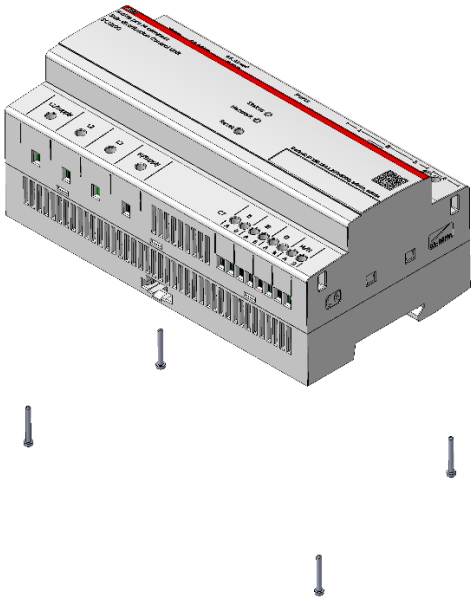
The SCU100 control unit is a part of the iSite pro M compact - a monitoring system which brings complete overview of the system performances and enables energy and asset management. The system consists of field devices connected to the SCU100 control unit: energy and power meters, current sensors, digital input and output modules (I/O modules). These products are designed to be used in residential, commercial and industrial applications.

2. Dismantling instructions

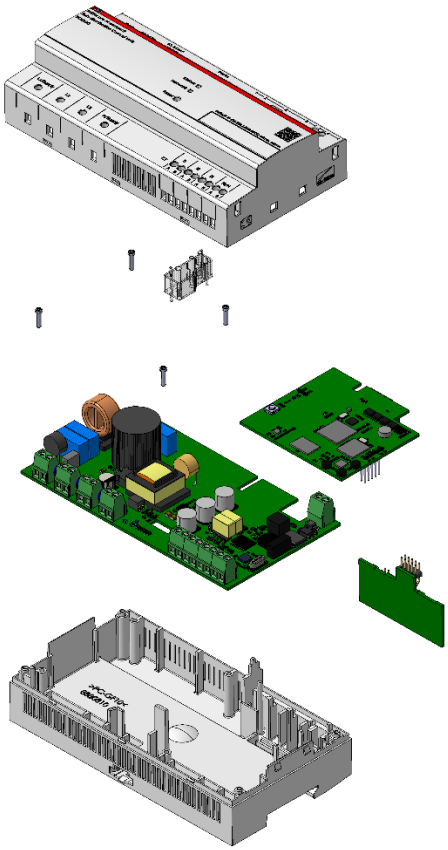
First step: remove the labels and the rail clips, these parts should be removed to split the cover from the housing.



Second step: remove the screws (4 screws), then you will be able to take out the cover and access to all the internal parts.



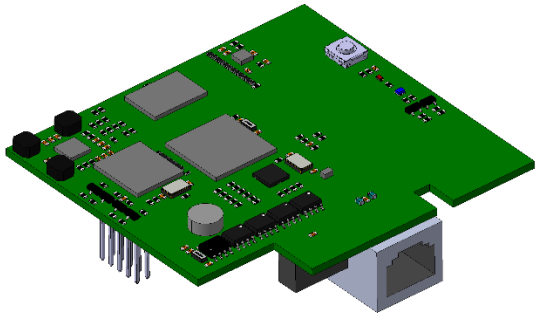
The different parts will be extracted until reaching the configuration of the figure below.



2.1. PCBAs

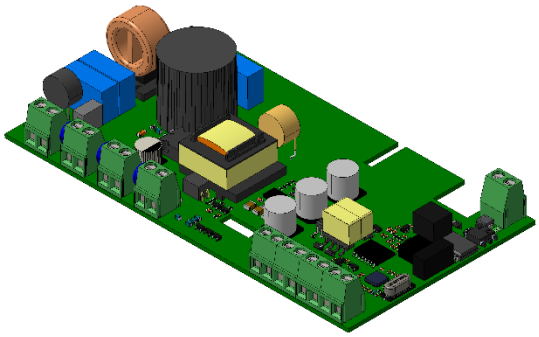
At the end, the Electronic Boards must be depolluted to assure an appropriate end of life treatment.

2.1.1. PROC



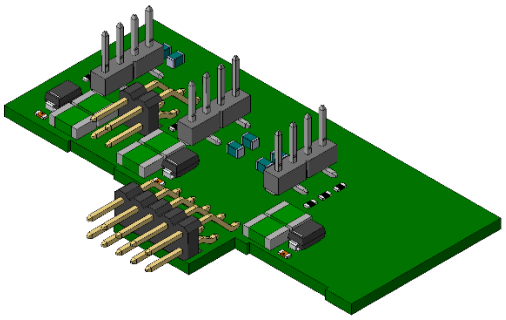
Weight of the Electronic Board 29.6g

2.1.2. PSEM



Weight of the Electronic Board 136.6g

2.1.3. CMM



Weight of the Electronic Board 8.7g

3. Constituent materials

Plastics		Metals		Others	
PC + GF	32.2%	Steel	3.3%	Electronics	35.9%
PA	1.6%			Cardboard	25.4%
POM	0.2%			Paper	1.4%

*% of total weight.

4. Additional Information

Weight	358.8g
Overall dimensions (H x D x W)	87(1) x 64.9 x 161mm

(1) Without considering rail clip