

Product End of Life Instructions

**Altivar Process ATV650, Variable speed drive, 45kW, 380 to 480V,
3 phases, IP55**

Altivar Process ATV600



Schneider
Electric



Potential disassembly risks

The information provided in this document assumes that the product is completely de-energized and uninstalled (refer to the instructions provided in the appropriate product manuals).

Dismantling/disassembling the product may entail hazards caused by, for example, sharp edges, chemical aggression or ejected parts.

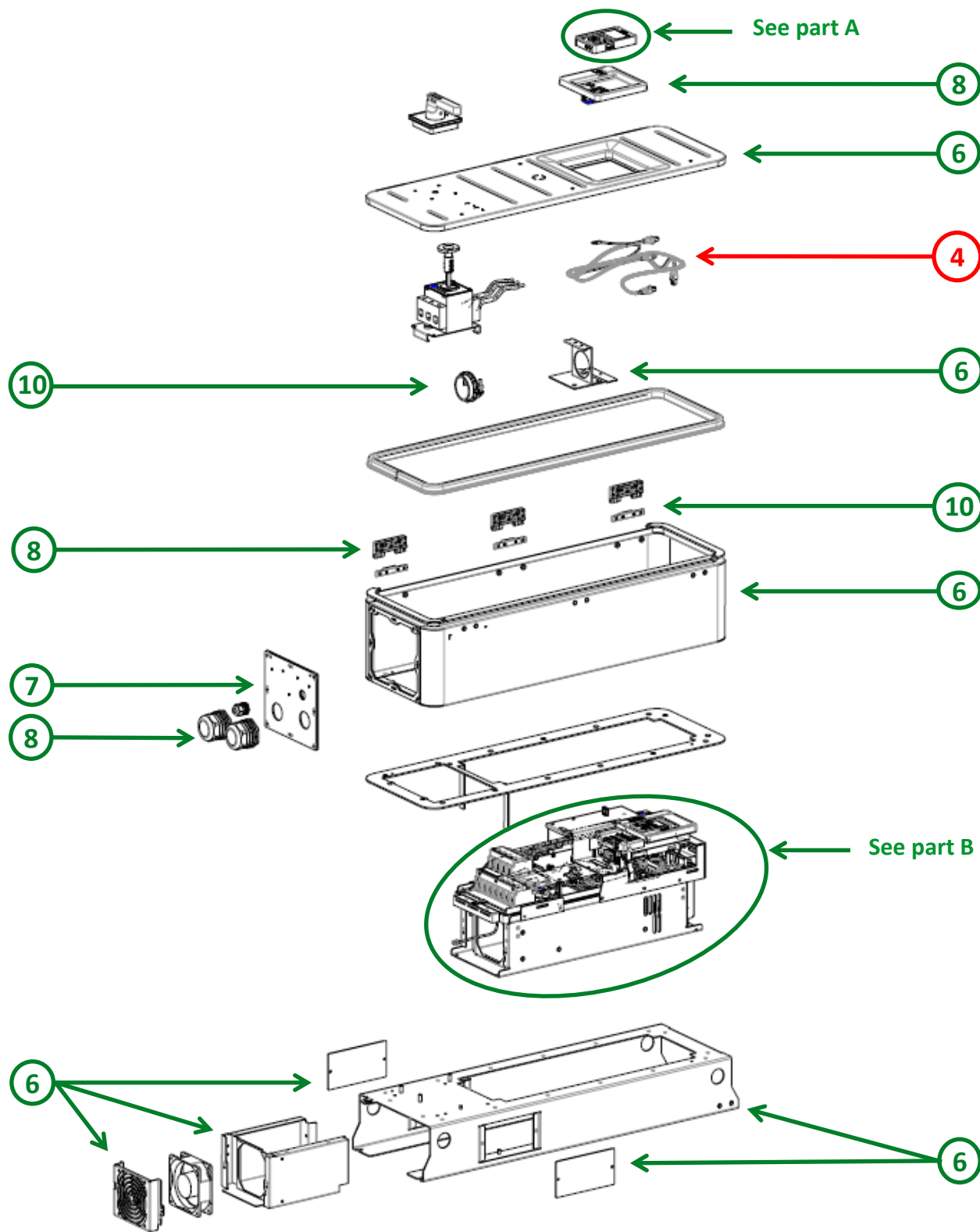
⚠ WARNING

HAZARD DUE TO INSUFFICIENT PROTECTION

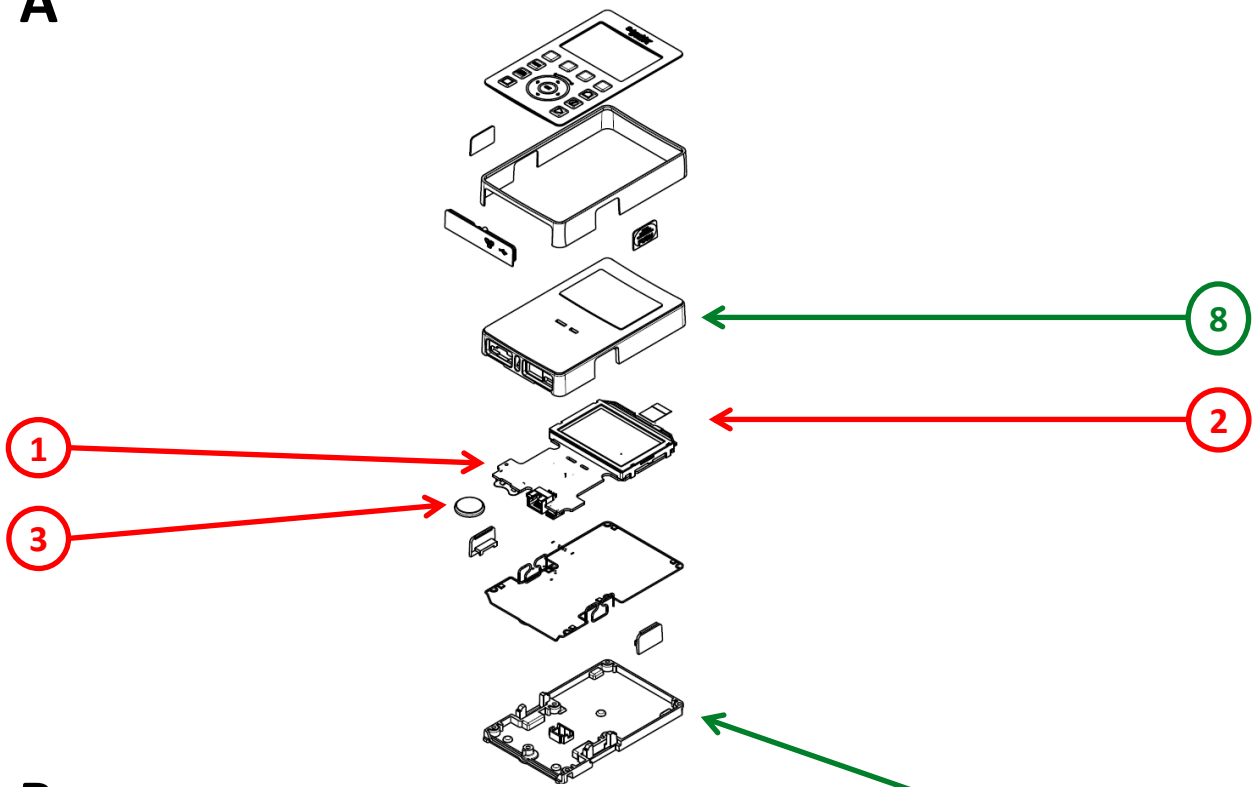
- Implement all safety measures required by the applicable regulations and by the processes used to dismantle/disassemble and dispose of the product.
- Use all necessary personal protective equipment such as gloves and goggles.

Failure to follow these instructions can result in death or serious injury.

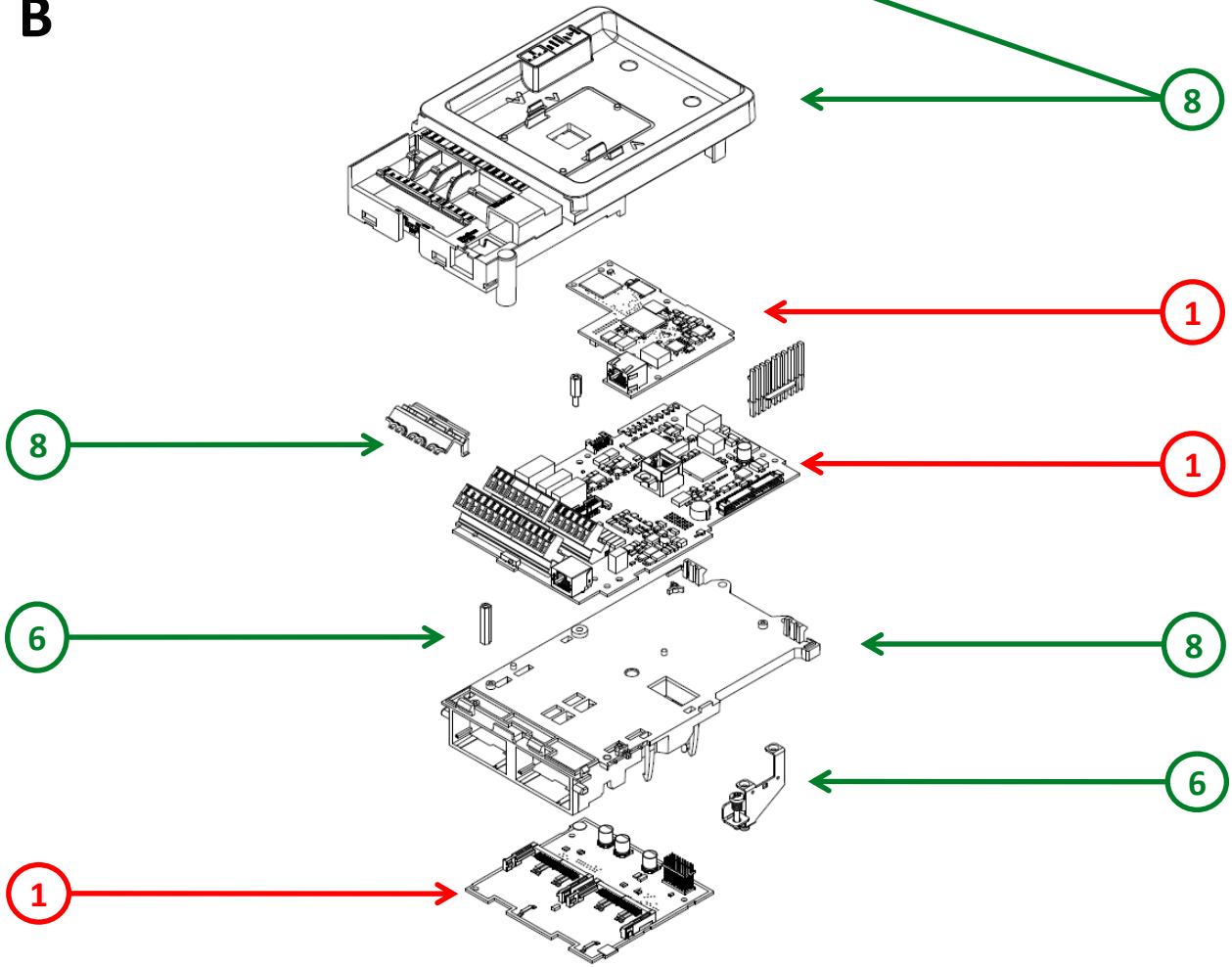
End of Life Instructions

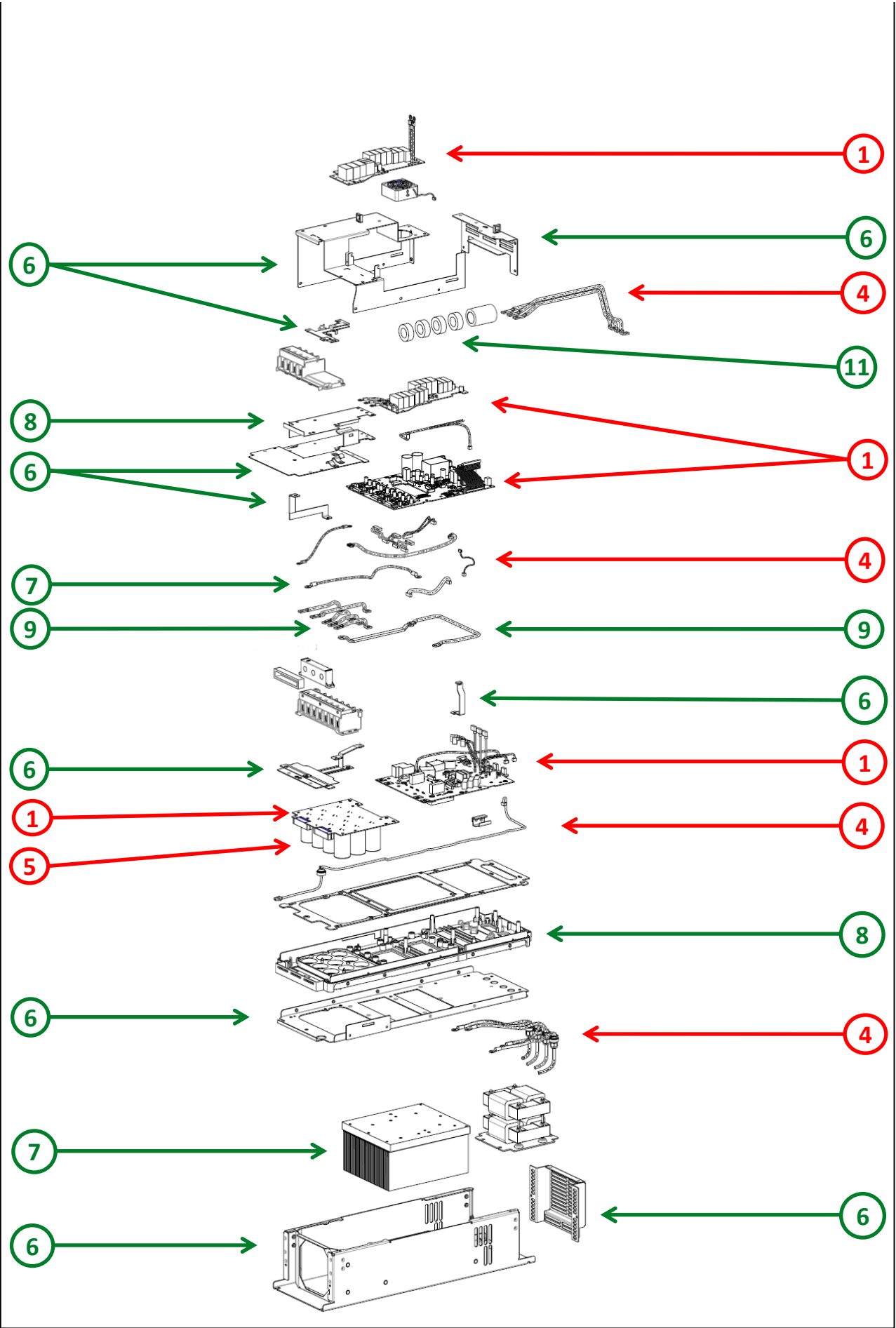


A



B





Recommendation	Number on drawing	Component / Material	Weight (in g)	Comment
To be depolluted	1	Electronic Board (Power and Communication) > 10cm²	2456,5	
To be depolluted	2	LCD (surface > 100cm²) and all those back-lighted with gas discharge lamps	26	
To be depolluted	3	Battery	2,9	
To be depolluted	4	Cable (high current)	878,5	
To be depolluted	5	Electrolyte capacitors which size: height > 25 mm, diameter > 25 mm or proportionately similar volume	1050	
To be dismantled	6	Steel	31492,7	Support - Lifting Hole - Bar - Housings - Front Door - Groundings - Grid - Plate - Cover - Pantilla
To be dismantled	7	Aluminium	6026,6	Heatsink - Links - Wiring Trap
To be dismantled	8	PC, ABS-PC, PA, PA6, HDPE, SAN with or without additive, PP+EPDM and PP	2103	Housings - Chassis - Gland - Deport Kit - Insulation sheet - Door Hinge
To be dismantled	9	Copper	215,4	Links
To be dismantled	10	Zinc	425	Cable Gland - Hinge Upright
To be dismantled	11	Ferrite	260	Cable Toroid
Other			6063,4	



Product description

Manufacturer identification	Schneider Electric Industries SAS
Brand name	Schneider Electric
Product function	The main function of the Altivar Process product range is the speed control and variation of a synchronous or asynchronous electric motor for fluid management and industrial applications.
Product reference	ATV650D45N4E
Description of the range	This PEP refer to a range of products assimilated to a reference product by an extrapolation rule.This range consists of products Altivar Process ATV600 designed for industrial processes in the following market segments: oil and gas, mining, minerals and metals, food and beverage water and wastewater.The rating is from 30 to 45 kW (40 to 60 HP). The environmental impacts of this reference product are representative of the impacts of the other products of the range which are developed with a similar technology.
Total representative product mass	51 kg
Representative product dimensions	910mm x 290mm x 401mm
Accessories	No accessories needed.
Date of information release	2026-06



Additional information

Legal information	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 document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product.
In case of special transportation: transportation method	No special transportation.
Recyclability potential	90% The recyclability rate was calculated from the recycling rates of each material making up the product based on REEECY'LAB tool developed by Ecosystem, for components/materials not covered by the tool, data from the EIME database and the related PSR was taken. If no data was found a conservative assumption was used (0% recyclability).

Schneider Electric Industries SAS

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