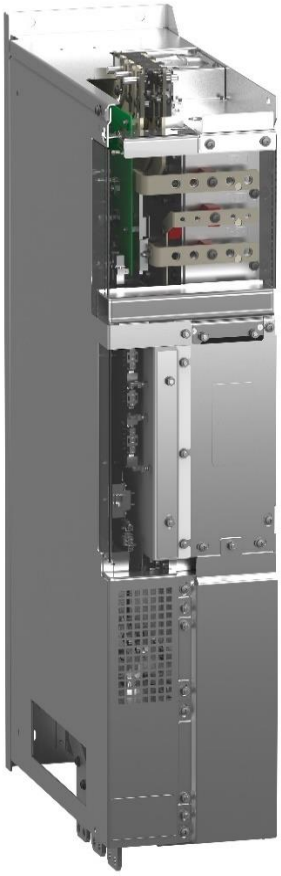
Product End of Life Instructions

AP Drive Power Module 450kW - 500-690V, liquid-cooled

ATV600/900 Altivar Process Modular Liquid Cooled 132kW…2600kW (200HP…2600HP), 380V…690V



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.

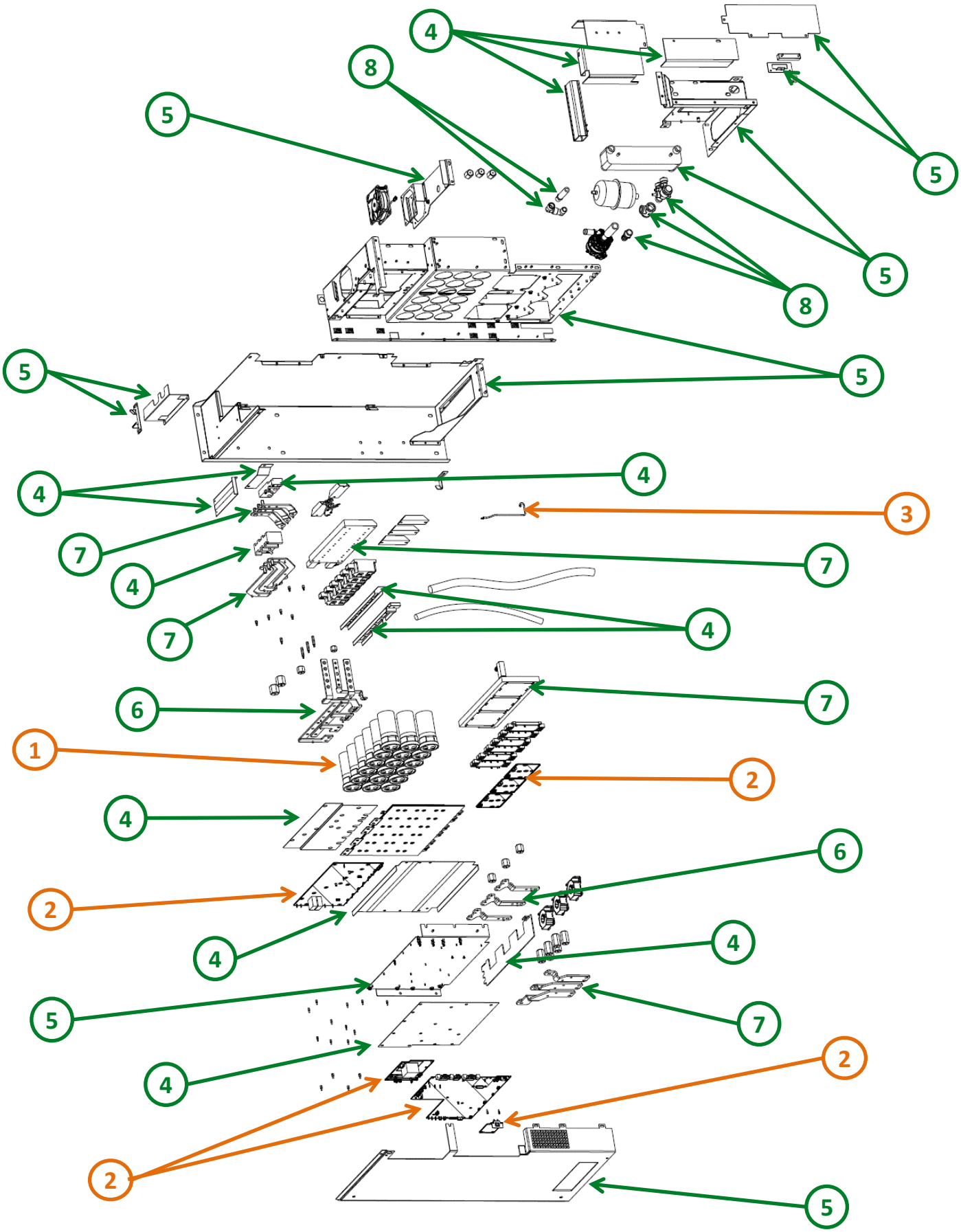
⚠ WARNING

INCORRECT LIFTING AND HANDLING

Take all measures necessary to keep the equipment from swinging, toppling and falling.

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

End of Life Instructions



Recommendation	Number on drawing	Component / Material	Weight (in g)	Comment
To be depolluted	1	Electrolyte capacitors which size: height > 25 mm, diameter > 25 mm or proportionately similar volume	11500	
To be depolluted	2	Electronic Board (Power) > 10cm²	2246	
To be depolluted	3	Cable (high current)	421	
To be depolluted		Liquid and pasty substances	1759	Cooling Liquid (Glycol and Water 1:1)
To be dismantled	4	Plastic	4537	Insulation
To be dismantled	5	Steel	41480	Housing
To be dismantled	6	Copper	3147	Bars
To be dismantled	7	Aluminium	7591	Heatsink, Bars
To be dismantled	8	Brass	1103	Fittings
Other			13716	Semiconductor Modules, Power Resistor, Insulation Standoff

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, asynchronous or reluctance electric motor for fluid management and industrial applications. The liquide cooled Drive Power Module is a Module to be integrated into a Drive System by a Certified Partner.
Product reference	APM1L0C45Y6
Additional similar product references	APM1L0C45Y6 APM1L0C20N4 APM1L0C31N4 APM1L0C28Y6
Total representative product mass	87.5 kg
Representative product dimensions	232mm x 1018mm x 526mm
Accessories	No accessories needed.
Date of information release	02/2021

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 allow 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	**64%**	Based on “ECO’DEEE recyclability and recoverability calculation method” (version V1, 20 Sep. 2008 presented to the French Agency for Environment and Energy Management: ADEME).

Schneider Electric Industries SAS

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