

Product End of Life Instructions

Modicon ABLS Optimized power supply, Input 100-240V AC 24V

Modicon Regulated ABLS power supply



Potential disassembly risks

⚠ WARNING

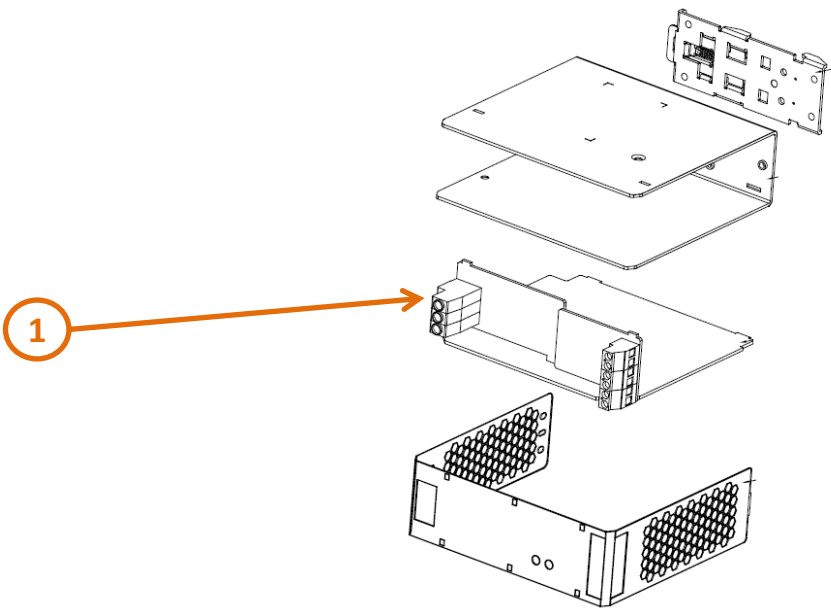
HAZARD OF ARC FLASH OR FIRE

- Disconnect battery terminals before disassembly
- Avoid any electrical connection between the terminals

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	Electronic Board (Power) > 10cm²	215,2	
Other			313,5	

Product description

Manufacturer identification	Schneider Electric Industries SAS
Brand name	Schneider Electric
Product function	This Modicon ABLS Optimized (ABLS1A24050) is a single-phase, 100-240V AC power supply delivering 24V DC at 5A and a rated power output of 120W. It installs on omega rail or fixing by screw. It ensures a protection against overloads and short-circuits with automatic restart after the source of overload/short-circuit has been corrected.
Product reference	ABLS1A24050
Additional similar product references	ABLS1A24050 ABLS1A12062 ABLS1A24031 ABLS1A12100 ABLS1A48025 ABLS1A24100 ABLS1A24200 ABLS1A48050 ABLS1A48100
Total representative product mass	528,7 g
Representative product dimensions	123.6 x 40 x 117.6 mm
Date of information release	18/09/2025

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.
Recyclability potential	<p>12%</p> <p>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).</p>

Schneider Electric Industries SAS

Country Customer Care Center
<http://www.se.com/contact>

35, rue Joseph Monier
 CS 30323
 F- 92500 Rueil Malmaison Cedex
 RCS Nanterre 954 503 439
 Capital social 928 298 512 €

www.se.com

ENVEOLI2007005_V2

Published by Schneider Electric

© 2023 - Schneider Electric – All rights reserved

09-2025

