

# Product End-of-Life Instructions

## ALTIVAR 21 0.75 – 18.5 kW IP20

### Product Range

ALTIVAR 21 0.75 – 18.5 kW IP20

### Marketing Model

ATV21H075M3X and all models of Product Family: ALTIVAR 21 0.75 – 18.5 kW IP20



Size in mm (or m):

W x H x D : 107 x 143 x 150

Weight (excluding packaging) in kg (or g):

1266 g



**Schneider**  
Electric

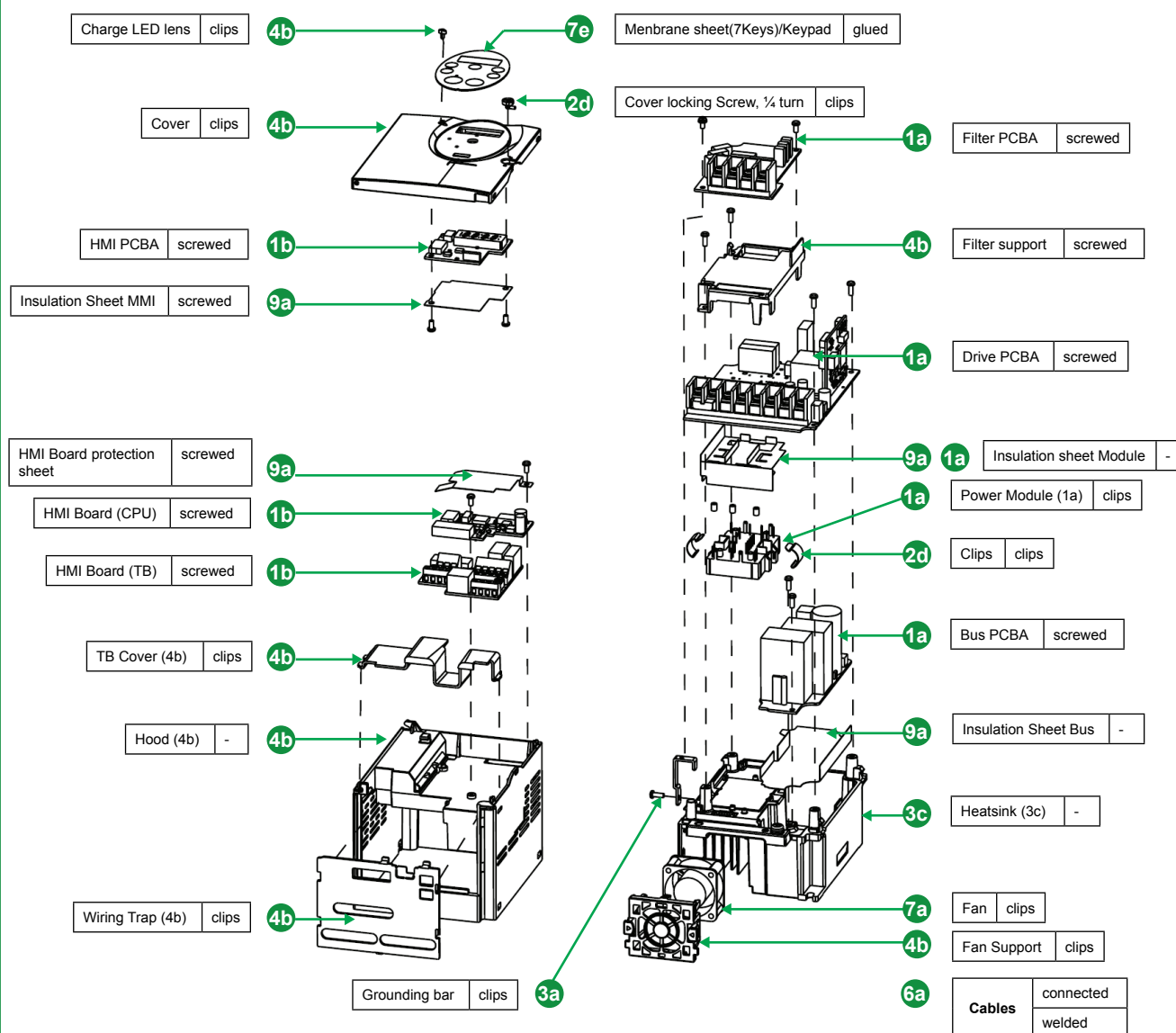
## Operations recommended for the end of life treatment

There are several steps to process the products at the end of life so as to recover components, materials or energy:

**Reuse ⇒ Depollution ⇒ Dismantling ⇒ Shredding**

The components of the products that are recommended to be depolluted (according to the WEEE 2002/96/EC list) or that are recommended to be re-used or dismantled so as to improve the material recovery or that lead to some hazards are listed, identified and located hereunder.

This ATV21 contains electrolytic capacitors which may cause electrical shock during the end of life treatment process. **BEFORE SERVICING, REMOVE ALL POWER and WAIT 15 MINUTES.**



| Ref.         | End of life groups of components   | %           | Representative product weights (g) | Comments                               |
|--------------|------------------------------------|-------------|------------------------------------|----------------------------------------|
| <b>1</b>     | <b>PCBA</b>                        | <b>32.8</b> | <b>415.25</b>                      |                                        |
| <b>1a</b>    | Heavy PCBA (power)                 | 30.6        | (387.02)                           | To be removed following WEEE directive |
| <b>1b</b>    | Light PCBA (Com)                   | 2.2         | (28.23)                            | To be removed following WEEE directive |
| <b>2</b>     | <b>Ferrous</b>                     | <b>7.5</b>  | <b>94.95</b>                       |                                        |
| <b>2a</b>    | Electroplated coated sheet metal   | 0           | (-)                                |                                        |
| <b>2b</b>    | Hot dip coated sheet metal         | 0           | (-)                                |                                        |
| <b>2c</b>    | Painted sheet metal                | 0           | (-)                                |                                        |
| <b>2d</b>    | Steel and its alloys               | 7.5         | (94.95)                            |                                        |
| <b>3</b>     | <b>Non-ferrous</b>                 | <b>34.2</b> | <b>432.97</b>                      |                                        |
| <b>3a</b>    | Copper and its alloys              | 0.1         | (1.27)                             |                                        |
| <b>3b</b>    | Brass and its alloys               | 0           | (-)                                |                                        |
| <b>3c</b>    | Aluminium and its alloys           | 34.1        | (431.71)                           |                                        |
| <b>4</b>     | <b>Plastics</b>                    | <b>17.2</b> | <b>217.75</b>                      |                                        |
| <b>4a</b>    | Plastics with brominated FR        | 0           | (-)                                |                                        |
| <b>4b</b>    | Plastics without brominated FR     | 17.2        | (217.75)                           |                                        |
| <b>5</b>     | <b>Coils (Copper or aluminium)</b> | <b>0</b>    | <b>-</b>                           |                                        |
| <b>6</b>     | <b>Wire cables</b>                 | <b>2.8</b>  | <b>35.45</b>                       |                                        |
| <b>6a</b>    | Copper conductor cables            | 2.8         | (35.45)                            |                                        |
| <b>6b</b>    | Aluminium conductor cables         | 0           | (-)                                |                                        |
| <b>7</b>     | <b>Complex parts</b>               | <b>4.8</b>  | <b>60.77</b>                       |                                        |
| <b>7a</b>    | Fans                               | 2           | (25.32)                            |                                        |
| <b>7b</b>    | Power modules (IGBT)               | 2.8         | (35.45)                            |                                        |
| <b>7c</b>    | Terminal blocks                    | 0           | (-)                                |                                        |
| <b>7d</b>    | Circuit breakers                   | 0           | (-)                                |                                        |
| <b>7e</b>    | Others (ZCT, Keypad, ...)          | 0           | (-)                                |                                        |
| <b>8</b>     | <b>Capacitors (PCB free)</b>       | <b>0</b>    | <b>-</b>                           | To be removed following WEEE directive |
| <b>9</b>     | <b>Other</b>                       | <b>0.7</b>  | <b>8.86</b>                        |                                        |
| <b>9a</b>    | Insulation sheets                  | 0.3         | (3.8)                              |                                        |
| <b>9b</b>    | Ferrites                           | 0           | (-)                                |                                        |
| <b>9c</b>    | Elastomers/conductive sheets       | 0.4         | (5.06)                             |                                        |
| <b>TOTAL</b> |                                    | <b>100%</b> | <b>1266 g</b>                      |                                        |

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