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17 August 2023

OJ Declaration on Environment and Materials OJ-AIR2PWR80, power supply

Environmental commitment of OJ Electronics A/S

Green vision

OJ Electronics will continue to develop intelligent solutions, which provide maximum comfort with minimum energy consumption.

Green strategy

For OJ Electronics, sustainability is a business approach that aims to achieve the best possible outcome not just for ourselves, but for our stakeholders and the environment too.

Impact

In all our business decisions and processes, we at OJ Electronics seek to strike a responsible balance between economic, human, and environmental considerations.

Products concerned

Reference product is OJ-AIR2PRW80, power supply:



Data are representative of OJ item numbers:

XX-AIR2PWR80

XX representing a customer 2-letter abbreviation.

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Constituent materials

The products consist of the following fractions:

Fraction	Material	Weight (g) *)	Weight % of total
Core, chases, screw, nut	Steel	785	54%
Wires	Copper	579	40%
Heat conductor	Polyurethane resin	77	5%
Thermo sleeve	Plastic	1	<1%
Isolation	Rubber	8	<1%
	Total	1450	100%

*) Weights as informed by manufacturer

We declare that to the best of our knowledge the products meet the requirements of RoHS3, Restriction of Hazardous Substances Directives 2011/65/EU (RoHS2) with amendments, including Directive 2015/863/EU (RoHS3).

We declare that to the best of our knowledge the products meet the requirements of POP, Regulation (EU) 2019/1021 of the European Parliament and of the Council on persistent organic pollutants with amendments.

To our knowledge no nano materials or micro plastic have been intentionally added to the product.

We declare that to the best of our knowledge, the product meets the requirements of REACH, Registration, Authorisation and Restriction of Chemicals, European Union Regulation (EC) 1907/2006 with amendments. This meaning that there are no Substances of Very High Concern (SVHC) present in concentrations above the limit of 0,1%, referring to the SVHC Candidate List of 14th of June 2023.

Packaging and accessories

Product is typically packed in 4-piece boxes. For some orders, two 4-piece boxes are packed together in an 8-piece box. Product can also be sold in single pieces and will in this case be packed in other types of cardboard boxes. When packing small orders, it may be necessary to add filler for stability, typically paper or plastic bubble wrap. Filler is mainly reuse and can be reused.

Packaging (NOTE! not all orders)	Material	Weight, total (g)	Weight per unit (g)
4-piece box	Cardboard	104	26
8-piece box	Cardboard	152	19

For larger orders, cardboard boxes may be stacked on pallets, which are wrapped or strapped:

Pallet: Euro pallet, heat treated according to ISPM 15

Wrapping foil: Plastic, LLPDE

Strapping: Plastic, PP

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Manufacturing

The products are manufactured in Serbia under the responsibility of OJ Electronics A/S. OJ Electronics has an environmental certification according to ISO 14001:2015.

Installation

For the installation of the products, only standard tools are needed.

Use

No consumables are necessary to use these products.

End of life

Development team at OJ Electronics A/S aims to integrate product end-of-life factors in the design phase.

Hazardous Waste


The electronics does not include components with a content of SVHC above the limit of 0,1% as stated under "Constituent materials".

Recycling

Products can be separated into following waste fractions, where metals can be recycled:

Fraction	% mass of products
Steel	54%
Copper	40%
Other (plastic, rubber, resin)	6%
	100%

Packaging is 100% reusable or recyclable.

Best regards
OJ ELECTRONICS A/S

Karin Schmidt, QHSE Coordinator