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CVR 10643597



05 December 2023

## OJ Declaration on Environment and Materials OJ-AIR2EXT, Extension Module

### 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 item number OJ-AIR2EXT, Extension Module:



Data are representative of OJ item numbers:

XX-AIR2EXT

XX representing letters "OJ" or customer two-letter abbreviation

YYYYY - EXT

YYYYY representing various letters and/or numbers for different customer specific variations of the product

## Constituent materials

The products consist of the following fractions:

Component	Material	Weight (g) *)	Weight % of total
Housing	Plastic, PPE	29,2 g	18%
Electronics	PCB, components	128,8 g	82%
	<b>Total</b>	<b>158 g</b>	<b>100%</b>

\*) Weights are approximated, may vary slightly

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.

In accordance with REACH, Registration, Authorisation and Restriction of Chemicals, European Union Regulation (EC) 1907/2006 with amendments, we hereby declare that the products include the following components with a content of Substances of Very High Concern, SVHC, above the limit of 0,1% referring to the SVHC Candidate List of 14<sup>th</sup> of June 2023.

Component *)	Component weight (g)	SVHC	CAS-no.	Substance concentration (% w/w)	RoHS Exemption
LM317D2TR4G	0.91	Lead	7439-92-1	2,83	7.a
UCD1H101MNL1GS	No data	6,6'-di-tert-butyl-2,2'-methylene-dip-cresol	119-47-1	>0,1%	No
SM4007PL-TP	0.017	Lead	7439-92-1	3,2	7.a
SMBJ6.5CA-E3/5B	0.093	Lead	7439-92-1	7,08	7.a, 7.c-1
SMBJ15A-E3/52	0.093	Lead	7439-92-1	7,08	7.a, 7.c-1

\*) Where alternative components might be used, "worst case" is reported.

## Packaging

Products in unit boxes are packed in larger transportation boxes. Transportation box size depends on size of order. 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	Material	Weight, total (g)	Weight pr. Unit (g)
Unit box, insert	Cardboard	56 g	56 g
Instruction manual	Paper	Varies with customer variations	
Transportation box	Cardboard	Varies with customer variations	

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Smaller orders are shipped in transportation boxes. For larger orders, transportation boxes may be stacked on pallet which is wrapped or strapped:

Pallet: Euro pallet, heat treated according to ISPM 15  
Wrapping foil: Plastic, LLPDE  
Strapping: Plastic, PP

## Manufacturing

The products are manufactured at OJ Electronics A/S, Sønderborg, Denmark. OJ Electronics has an environmental certification according to ISO 14001:2015.

CO<sub>2</sub>-equivalents for manufacturing: 0,054 kg CO<sub>2</sub>-eq/product \*)

\*) Scope 1 and 2, 2022, average of all products produced at OJ.

## 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 include components with a content of SVHC above the limit of 0,1% as stated under "Constituent materials". When product is used as intended, the substances pose no risk. Caution is advised when disassembling product and disposing of electronic components.

OJ has registered the products as a group in the SCIP database in accordance with EU Waste Framework Directive (EU) 2018/85:

SCIP Number: d80e14c7-3d3b-4b8f-80e8-964b80d761ac

## Recycling

Recyclability rate is estimated to 95%.

Products can be separated into fractions as stated under "Constituent materials".

Packaging is 100% reusable or recyclable.

Best regards  
OJ ELECTRONICS A/S  
  
Karin Schmidt, QHSE Coordinator