OJ ELECTRONICS A/S
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02 September 2026

OJ Declaration on Environment and Materials
OJ-DV H1 series (0,5-1,1 kW), Frequency Converters

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

The data is representative of the OJ-DV H1 series (0,5-1,1 kW) of Frequency Converter dedicated for ventilation applications.

Reference product is OJ item no. OJ-DV-1007-NGN6:

Data are representative of OJ item numbers:

XX-DV-1005-YYYY-ZZZ
XX-DV-1007-YYYY-ZZZ
XX-DV-1008-YYYY-ZZZ
XX-DV-1011-YYYY-ZZZ
XX-DV-2011-YYYY-ZZZ

XX representing letters “OJ” or customer two-letter abbreviation. YYYY representing different combinations of letters and digits, referring to different options for add-on modules, connections, fans and classifications. ZZZ representing digits, letters or left blank.

PM-807100

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Constituent materials

The products consist of the following fractions or components:

Component	Material	Weight (g) *)	Weight % of total
Housing	Aluminum, EN AB-44300	1186	53%
Back plate	Steel, DX51D-Z275	210	10%
Front cover	Blue: Plastic, PP	115	5%
	Black: Plastic, PBT/PC		
Screws	Steel	45	2%
Moulding	Polyurethane resin with primer	70	3%
Cable glands	Plastic, PA	30	1%
Electronics	PCB + components	580	26%
	Total	2236	100%

*) Weights are approximated, may vary slightly

We declare that to the best of our knowledge the product meets 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 product meets 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 plastics 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 to the best of our knowledge no products sold by OJ Electronics contain any substances regulated under REACH Annex XIV (Authorisation List) and Annex XVII (Restriction List).

In accordance with REACH, we hereby declare that the OJ-DV H1 series (0,5-1,1 kW) includes 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 04th of February 2026.

Component *)	Component weight (g)	SVHC	CAS-no.	Substance concentration (% w/w)	RoHS Exemption
1N5408RLG	1,33462	Lead	7439-92-1	5,46	7(a)
SMBJ6.5CA-E3/5B	0,093	Lead	7439-92-1	7,08	7(a), 7(c-1)
ER3D-TP	0,257	Lead	7439-92-1	7,81	7(a)
US1M-E3/61T	0,064	Lead	7439-92-1	8,13	7(a), 7(c-1)
RBR3LAM60ATR	Not available	Lead	7439-92-1	1,25	7(a)
SMBJ10A-E3/52	0,093	Lead	7439-92-1	7,08	7(a), 7(c-1)
SMBJ24A-E3/52	0,093	Lead	7439-92-1	7,08	7(a), 7(c-1)
IXTA3N150HV	1,515	Lead	7439-92-1	0,26	7(a)
FQB22P10TM	1,48589	Lead	7439-92-1	0,77	7(a)

*) Where alternative components might be used, “worst case” is reported.

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Packaging

Products are delivered from OJ Electronics A/S on wooden pallets in wooden frames. Products are layered in frames. Cardboard inserts separate layers. Pallet with frames is wrapped in plastic foil or strapped with plastic strapping, depending on size of delivery.

Pallet:	Euro pallet, heat treated according to ISPM 15
Frame:	Frame for euro pallet, heat treated according to ISPM 15
Insert:	Brown cardboard
Wrapping foil:	Plastic, LLPDE
Strapping:	Plastic, PP

Number of frames and inserts and amount of wrapping foil and strapping used depend on size of delivery. For very small orders (one or a few pieces), packaging might differ from description.

Manufacturing

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

CO_2-equivalents for manufacturing: 0,031 kg CO_2-eq/product *)

*) Scope 1 and 2, 2025, 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 products are used as intended, the substances pose no risk. Caution is advised when disassembling product and disposing of electronic components as waste.

OJ has registered the product in the SCIP database in accordance with EU Waste Framework Directive 2008/98/EC amended by Directive (EU) 2018/851:

SCIP Number: 25d9d3a1-d6e4-485a-9ba8-0ecb13e9adfd

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Recycling
Recyclability rate is estimated to 95%.
Products can be separated into following waste fractions:

Fraction	% mass of products
Metal (aluminum, steel)	65%
Plastic (PP or PBT/PC and PA)	6%
Electronic card, components	26%
Other	3%

Packaging is 100% reusable (pallet, frames) or recyclable (inserts, wrapping foil, strappings).

Best regards,
OJ ELECTRONICS A/S.

Güldem Güney, Material Compliance Specialist