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25 August 2026

OJ Declaration on Environment and Materials MRHX-3P14N, 14 Nm and MRHX-3P20N, 20 Nm stepper motor for rotary heat exchangers

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 MRHX-3P14N-03C5, 14Nm stepper motor for rotary heat exchangers:

Data are also representative of item numbers
MRHX-3P20N-03C7
PM-82100101
PM-82034201

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Constituent materials

The products consist of the following fractions:

Material *)	Weight (g) *)	Weight % of total
Steel	8710	64%
Aluminum	672	5%
Iron	2253	17%
Copper	831	6%
Plastic, nylon	4	< 1 %
Dacron/Mylar/3240 epoxy	100	1%
Electronics/cable	1031	8%
Total	13600	100%

*) Data on materials and weights are provided by OJ supplier. Weights 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).

Packaging

Products are individually packed in plastic bags and packed in layers of plastic foam. Products in bag and foam are packed in cardboard boxes for transportation. Box size for transportation depends on size of order.

Material	Approximated weight, per unit (g)
Plastic foam	115
Plastic bag	5

Smaller orders are shipped in cardboard boxes. For larger orders, cardboard boxes may be stacked on pallet and wrapped or strapped.

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

Customer specific products might be packed differently on request from customers.

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Manufacturing
The products are manufactured in China, under the responsibility of OJ Electronics A/S. Manufacturing plant and OJ Electronics A/S holds a certification according to ISO 9001.

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

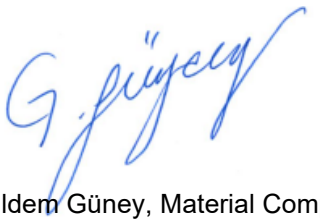
Use
No consumables are necessary to use these products.

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

Hazardous Waste
No hazardous waste, since products do not contain substances in concentrations above restrictions according to REACH, RoHS and POP and contain no batteries.

Recycling
Recyclability rate is estimated to 95%.
Products can be separated and recycled in the fractions mentioned under “Constituent materials”.
Packaging is 100% reusable or recyclable.

Best regards
OJ ELECTRONICS A/S



Güldem Güney, Material Compliance Specialist