

ENVIRONMENTAL DECLARATION

General

| | |
|--------------------------|---------------------|
| Product / product group: | Forta Actuators |
| Type designation: | M400 / M800 / M1500 |
| Manufacturer: | Schneider-Electric |



Manufacturer information

| | | |
|--|--|--|
| Quality Management System established | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |
| System complying with: | Certified by ISO 9001 <input checked="" type="checkbox"/> | Other system <input type="checkbox"/> |
| Environmental Policy established | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |
| Company affiliated to ICC Business Charter | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |
| Company is registered at EMAS | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |
| Environmental Management System established | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |
| System complying with: | Certified by ISO 14001 <input checked="" type="checkbox"/> | Other system <input type="checkbox"/> |
| Company working with life cycle analysis (LCA) | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |
| Other information about internal environmental work: | | |

Product information

Criteria for environmental labelling is not available at present

| | | |
|---|---|-----------------------------|
| Recommended application outlined in technical documentation | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |
| Product has clear and durable marking; (type designation, manufacturer, etc) | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |
| The branding refers to technical documentation so that the product can be clearly identified | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |
| Other branding or certificate (CE, UL, etc): | Schneider-Electric Branded, CE marked to EMC | |

1. Constituent material (approximate values)

| Substance | Weight (kg) | Share | Made from recovered material | Recyclable Material | Energy-recycling material (incineration) | For deposition (Land fill without environmental risk) |
|--|-------------|-------|------------------------------|---------------------|--|---|
| Total (excl packing / Doc.) | 1.7 | 100% | - | - | - | 100% |
| Steel (iron, sheet steel, stainless steel, galvanized) | 0.61 | 35.9% | - | 75% | - | 100% |
| Aluminum (and alloys) | 0.73 | 42.9% | - | - | - | 100% |
| Copper (including cable, motor and transformer) | 0.05 | 2.9% | - | 100% | - | 100% |
| Plastic ABS + PC | 0.2 | 11.8% | - | 50% | - | 100% |
| Plastic POM | 0.06 | 3.5% | - | - | - | 100% |
| Plastic PA | 0.01 | 0.6% | - | - | - | 100% |
| Electronics (PCB including capacitors) | 0.04 | 2.4% | - | - | - | - |
| Packing / Documentation (paper) | 0.3 | - | - | 50% | 100% | 100% |

Comments: The product is not made for user dismantling
Component parts are not clearly identifiable as to the constituent material used in construction

Manufacturer demanding Environmental Declarations or equivalent from all suppliers yes ☐ no ☒

Manufacturer demanding Product Information Sheets according to ISO110141 from suppliers of chemicals yes ☐ no ☒

The product contains > 0,2 percent by weight of substances listed in;
The Swedish Chemicals Inspectorate – Kemi Restricted substances database
and/or Priority Guide PRIO (former Observation list) yes ☐ no ☒

Substances contents of product according to above section: (approximate values)

| Substance | CAS-number | Share of complete product. |
|--------------------------------|------------|----------------------------|
| Zn - Zinc | 7440-66-6 | 0% |
| Pb - Lead | 7439-98-7 | 0% |
| TBBP A - Tetrabromobisphenol A | 79-94-7 | 0% |
| Ni - Nickel | 7440-02-0 | 0% |

Comments : Contains none of the above substances

Related Environmental Standards / Conformity

The Product conforms according to the RoHS directive yes ☒ no ☐

The Product is registered in accordance to the REACH directive yes ☐ no ☒

Comment: The liberation of relevant constituent materials for this product fall outside of the requirements to be registered in accordance to the REACH regulation

2. Manufacturing

The production unit requires permission or notification in accordance with the Swedish Environment Protection Law yes ☐ no ☒

An annual environmental report is sent to the Swedish authorities in accordance with the Swedish Environment Protection Law yes ☐ no ☒

A company environmental report can be supplied on request yes ☒ no ☐

Information concerning energy use and emissions to air, water and soil from the production unit can be supplied on request yes ☐ no ☒

3. Distribution of finished product

Manufacturing location: Sweden EU

Method of transportation: Normal transportation is by Truck from Factory/ European Distribution centre, Sweden.

Material in packing: Corrugated Cardboard...

Company affiliated to REPA Register in Sweden (5561248500) yes ☒ no ☐

Company practicing a system for re-usable packing yes ☐ no ☒

Company accepting returned packing yes ☐ no ☒

4. Installation, Mounting

Documented instructions for mounting and installation of the product are available yes ☒ no ☐

There is requirements and recommendations in documentation about:

- safety measures when handling and mounting the product

yes ☐

no ☒

- handling of the product at working site

yes ☐

no ☒

The product does not require any special safety measures when handling and mounting.

5. Operative stage

Product requiring energy contribution at intended use

yes ☒

no ☐

Product requiring chemical products in operation and normal maintenance

yes ☐

no ☒

If "yes", define which type of chemical products

Product emitting environmental load to air/water (external environment) during its intended use

yes ☐

no ☒

Instructions for normal operation and maintenance of the product documented and available

yes ☒

no ☐

Estimated lifetime of the product, providing that operation and maintenance are in accordance to the manufacturer's instruction

10 years

6. Demolition / Dismantling

Product prepared for environmental recycling

yes ☐

no ☒

No special safety procedures needed for demolition.

7. Disposal

Do not dispose of this actuator in unsorted municipal waste; this particularly applies to the electronic circuit board.

Further, local legislation may dictate special ecological treatment for components made from or comprising of specific materials.

Observe all local and applicable laws

8. Product Image



Legal disclaimer: This declaration is for information purposes only

This environmental product declaration does not constitute a guarantee of the composition of a product; neither does it guarantee that the product will retain a particular composition for a particular period.

Schneider Electric therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.