

## ENVIRONMENTAL DECLARATION

### General

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



### Manufacturer information

Quality Management System established yes  no   
 System complying with: Certified by ISO 9001  Other system   
 Environmental Policy established yes  no   
 Company affiliated to ICC Business Charter yes  no   
 Company is registered at EMAS yes  no   
 Environmental Management System established yes  no   
 System complying with: Certified by ISO 14001  Other system   
 Company working with life cycle analysis (LCA) yes  no   
 Other information about internal environmental work:

### Product information

*Criteria for environmental labelling is not available at present*

Recommended application outlined in technical documentation yes  no   
 Product has clear and durable marking; (type designation, manufacturer, etc) yes  no   
 The branding refers to technical documentation so that the product can be clearly identified yes  no   
 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.