

Issue no 1

Date of latest amendment 2007-09-26

General

Product/product group: Controller (Waterborne climate systems)

Designation: TITAN RE (Zone Controls - C101)

Manufacturer: SWEGON AB, Sweden

Company Reg. No: 556077-8465

Contact (telephone, fax, e-mail): Swegon: Jonas Åkesson; phone: +46 570 844 40; telefax: +46 570 175 40; e-mail: jonas.akesson@swegon.se

Information about the manufacturer

Quality assurance system established yes ☒ no ☐

System secured by: ISO 9001 certification ☒ Other system ☐

Environmental policy established by company management yes ☒ no ☐

Company affiliated to ICC trade/industry programme yes ☒ no ☐

Company EMAS registered yes ☐ no ☒

Environmental management system established yes ☒ no ☐

System is secured by: ISO 14001 certification ☒ Other system ☐

Company works with Life Cycle Analysis (LCA) yes ☒ no ☐

Other details about internal environment work: LCA is documented as an annual investigation concerning the company environmental aspects.

Product information

Criteria for environmental labelling of industry products is not available at present

Recommended area of application is outlined in the technical documentation yes ☒ no ☐

There is clear and responsibly applied labelling on the product/product group (manufacturer, product designation etc) yes ☒ no ☐

The labelling is linked to the technical documentation so that the product can be clearly identified yes ☒ no ☐

Other labelling or certification: CE-certificate

1 Constituent materials

Details refer to standard products, therefore there may be some deviation depending on choice of variant, accessories etc.

Substance	Proportion	Recycled material	Re-usable material	Recyclable material	Energy recoverable material	For disposal
Plastic - ABS	58%			100%		
Electronic components	28%					100%
FR4-laminate	13%					100%



Substance	Proportion	Recycled material	Re-usable material	Recyclable material	Energy recoverable material	For disposal
Screw	1%			100%		

Comments on the table:

Manufacturer specifies requirements for environmental declarations, or equivalent from the supplier yes ☒ no ☐

Manufacturer specifies requirements for product information sheets in accordance with Sweden's Chemical Products Act (cf. ISO 110141) from the appropriate supplier of chemicals yes ☒ no ☐

The product contains more than 1 per cent by weight of a substance that appears on Sweden's Chemicals Inspectorate's Limitation and/or Observation Lists Yes, stated in table ☐ no ☒

Substances included on Sweden's Chemicals Inspectorate's Limitation and/or Observation Lists and whose proportion in the product > 1% by weight

Substance	CAS Number	Proportion of finished product

2 Production

Production plant requires permit or notification in accordance with current environmental legislation yes ☐ no ☒

Environmental report submitted annually to public authorities in accordance with current environmental legislation yes ☒ no ☐

Environmental statement can be supplied on request yes ☒ no ☐

Data on energy consumption and emissions to air, water and soil from the plant can be supplied on request yes ☒ no ☐

3 Distribution of finished product

Indicate where the product is manufactured: Zone Controls AB, Verkstadsvägen 6, 137 37 Västerhaninge, Sweden

Method of transportation applicable to the product: Usually by truck

Material in packaging: Cardboard

Company affiliated to the Swedish and the German recycling systems yes ☒ no ☐

Company applies a system using re-usable packaging yes ☐ no ☒

Company takes back packaging yes ☐ no ☒



4 Construction phase

Documented instructions for installation and fitting are available for the product	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
Included in the documentation are requirements and recommendations for:		
- safety measures to be used during handling and installation	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
- handling the goods at the workplace	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>

5 Usage phase

The product requires a supply of energy for operation during its intended use (electricity, power fuel, etc.)	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
The product requires chemicals for operation during its intended use (coolant, lubrication oil, etc.)	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
Type of chemical:		
The product produces a pollution load of emissions into air/water (external environment) during its intended use	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
During normal maintenance, the product requires:		
- consumable materials (type)	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
During normal maintenance, the product requires:		
- chemicals (type)	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
Documented instructions are available for the operation and maintenance of the product	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
The estimated service life of the product, assuming that operation and maintenance are carried out in accordance with the manufacturer's instruction	20 years	

6 Demolition

The product has been prepared for environmentally adopted disassembly	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
Further information about disassembly:	The product can be re-used or turned to fragmentation and recycling.	

7 Residual products

Refer to section 1, Constituent materials

8 Waste products

Refer to section 1, Constituent materials

9 Indoor environment

A declaration concerning the indoor environment is attached to the building product declaration	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
---	------------------------------	--

