

Environmental Declaration Type II

GENERAL PRODUCT INFORMATION

<i>Name of product(s)</i>	<i>Packaging</i>
TG-A1x series	Plastic bag, PE

COMPANY INFORMATION

Company, address and telephone

AB REGIN
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Company description

Regin is the collected trademark for products and systems in building automation. The company's knowledge is based on many years of wide experience in control, automation and flow control. AB Regin has a certified quality assurance system according to ISO 9001.

Ongoing environmental work

Regin designs products on commission from clients as well as for resale. Regin can control environmental aspects related to product development and when choosing suppliers and components.

PRODUCT INFORMATION

General

The recommended field of application is stated in the technical documentation.
There is an unambiguous and lasting label (manufacturer, product name, serial number etc) on the product.
The labelling is linked to the technical documentation which makes the product clearly identifiable.

Product design

Sensor cable with sensing element molded in epoxy for weather protection.

Component modules	Unit	Number
Transparent heat shrinking tube	mm	30
Label	mm	76x38
Label	mm	20x11,5
Epoxy mould	g	8
Black heat shrinking tube	mm	27
Sensor element (Pt, Ni or NTC)	St	1
Copper shell	mm	35,5x10,5x7,3
Cable with silicone cover (TG-A1/PTx and Nlx)	mm	1500
Cable (TG-A1/PT1000-10)	mm	10000
Cable (all other 1,5 m models)	mm	1500

PRODUCT INFORMATION, RESOURCES AND HAZARDOUS SUBSTANCES

Component modules	Resources (metals, organic, non-organic substances)	Hazardous substances (Kd, Hg, Pb, PCB, PVC, PBB, PBBE etc)
TG-AI/PTx and NIx)	PE, PVC, Epoxi, Cu, Si	PVC
TG-AI (all other models)	PE, PVC, Epoxi, Cu	PVC

Notes, the product's content

PRODUCTION

The components are mounted manually and automatically and are thereafter soldered together with classified soldering. The environmental consequences are negligible and consist solely of air outlet from soldering.

The operation does not require licencing

DISTRIBUTION

Production origin China
Mode of transportation Lorry, train, boat
Mode of distribution The product is normally distributed via a warehouse/wholesaler
Wrapping Material Wood, paper, plastic
Packaging material can not be returned.
AB Regin is connected to FTI.

BUILDING PHASE

Documented instructions for mounting and commissioning are available at www.regincontrols.com.

The instructions contain recommendations concerning

- Safeguard measurement for handling procedures and mounting.
- Handling of the product at the workplace and during mounting.

USAGE PHASE

Normal operation

The product does not have any environmental impact on the surrounding environment during normal operation.

Normally, the product does not require any maintenance.

It is possible to estimate the products life span in advance.

There is no documentation concerning the expected life span when the product is under different conditions.

Documented instructions for appropriate operation and maintenance are available at www.regincontrols.com.

Emergency

In case of fire the plastic may emit gases harmful to human health. The amounts of these substances are small compared with the size of the product.

DEMOLITION

The product is prepared for environmental-friendly dismantling.

Dismantling of the product:

- I. Sort as electrical scrap

WASTE MANAGEMENT

The long life span of the product means that the recycling situation may differ from today when the product is recycled.

The product is required, by law, to be handled according to standard waste management procedures.

The materials can easily be separated to a high separation degree.

Plastic parts can, theoretically, be recycled. Recovering of energy through combustion is considered the best option in the present situation, since the plastic does not contain any substances dangerous to the environment.

Circuit boards with components are required by law to be dismantled and constituent components to be identified. Swedish companies in electronic recycling separate in three main fractions. Recycling of materials, recovering of energy and dangerous waste.

Identified metallic constituents are returned to metal recycling.

Combustible materials are returned for safe disposal in a licenced incinerator.

Dangerous waste is returned for destruction to a licenced entrepreneur.