



Environmental Product Declaration

Product	Type of equipment	K3I110	
	Designation	LON I/O-Box	
	Product line	AlgoRex CS1140	
Process control	Siemens Switzerland Ltd Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	06-Dec-2002	Gerling Cert/Deloitte
	ISO 9001 (quality)	06-Nov-1989	SQS/VdS
Environmentally compatible product design	Product responsibility of Siemens covers the entire product life cycle. Siemens already assess, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying Siemens Standard SN 36350 "Environmentally compatible products"		
Product use	Typical energy consumption per year	32 kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN60950-1: 2006	
	Fire load	5 MJ	
Packaging	20-PAP Corrugated fiber board	Folding box 230x135x85	73 g
	PU-Foam	Foam 225x130x25	20 g
	Fleece 430	Conductive fleece 770/220mm	10 g
	Polyester, Polyethylene	PE Minigrip bag	1 g
	Notes on disposal	One-way, recyclable	

Materials		Total weight of device	681 g
Metals	Steel, zinc plated	Screw M3x8 (5x)	4 g
	Steel, zinc plated	Screw KA30/10 (4x)	2 g
Others	PVC hard, AlMg	Support plate	253 g
	PA, Cu, CrNi	Connector (17x)	123 g
PCB assembled	FR4, TBBA, SnPb	PCB ass. to K3I110	300 g
		Lithium-Battery on pcb ass.	(4 g)

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and should not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered to. Regarding disposal, use the systems setup for collecting electronic waste.
Observe all local and applicable laws

Comments

Environmental Benefits:

- Serves for the early detection of fires and prevents the discharge of toxic gases.
- Easily removable. Disassembling is possible without any important effects regarding waste disposal.

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. Siemens Switzerland Ltd 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.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.