SIEMENS

Environmental Product Declaration

Product	Type of equipment	**SPCK420.100 LCD-Keypad, 2x16 Char.**
	Designation	**S54543-F101-A100**
	Product line	**Intrusion Systems**

Process control	Siemens Building Technologies Fire and Security Products GmbH & Co. oHG Siemensallee 84 76187 Karlsruhe		
	Management system certified	since	by
	ISO 14001 (environment)	**until 2006** **since 2006**	**Gerling** **Deloitte**
	ISO 9001 (quality)	**1997**	**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	**7 kWh/a**
	Maintenance	**not necessary**

Risk of fire	Fire protection according to	**EN 60950**
	Fire load	**6 MJ**

Packaging	22-PAP, Paper fold box	**52 g**
	1-PET, Plastic bag, accessories	**5 g**

Note on disposal	**One- way, recyclable**

Materials

Plastics		Total weight of the device	**198 g**
Plastics	ABS	Housing, base unit	45 g
	ABS	Housing, cover	60 g
	ABS	Cable clamps (on PCB)	(5 g)
	PA	Display window, transparent	5 g
	PVC soft	Sticker labels	5 g
Metals	Chromed brass	Cable clamps	(10 g)
(on PCB)	Stainless steel	Spring (tamper)	(1 g)
	Copper	Jumpers	(1 g)
	Copper	Switches	(3 g)
	Steel	5 Screws	(1 g)
Others			
	Piezo	Buzzer (on PCB)	(5 g)
PCB assembled	FR4/ CEM3	PCB	83 g

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

Special Components

(on PCB)	Chromed brass	Cable clamps, 7 pcs.	(10 g)

Weights in brackets are already included in components declared under materials.

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

Materials:

The device is free from substances banned by the Directive 2002/95/EC (RoHS):

Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials

Cd: < 0.01 % by weight in homogeneous materials

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

Siemens Building Technologies
Fire & Security Products
GmbH & Co. oHG

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