



Environmental Product Declaration

Product

Type of equipment	FCA2005-A1
Designation	Hornlinien-Modul
Product line	FS20

Process control

Siemens Switzerland Ltd. Building Technologies Group Gubelstrasse 22 CH-6301 Zug		
Management system certified	since	by
ISO 14001 (environment)	06.12.2002	Gerling Cert
ISO 9001 (quality)	06.11.1989	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

Fire protection according to	EN 60950
Maintenance	not necessary

Risk of fire

Fire load	2.5 MJ
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Packaging

20-PAP Corrugated fibre board	Carton DJ1191	32 g
PU foam	Expanded plastic sheet	4 g

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

Materials		Total weight device	chart*
Plastics	PC	Cover	17 g
	ABS	Modul support	32 g

PCB
assembled

FR4	TBBA	SnAgCu	PCB-Ass. to FCA2005-A1 Sounder module	chart*
FR4	TBBA	SnAgCu	SAFEDLINK Network Module Repeater	chart*

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

Special components

FCA-2005-A1:

Relays with contacts of precious metals Ag (Au-clad) 4 pcs. (8 g)

* Variants parts list	FCA-2005-A1	FN-2002-A1
Total weight of device	100 g	105 g
PCB-Ass. to FCA2005-A1 Sounder module	---	56 g
SAFEDLINK Network Module Repeater	51 g	---

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"

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.
- Very low energy consumption.

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