



Environmental Product Declaration

Product

Type of equipment	FCL2003-A1
Designation	Line card (MS9i)
Product line	FS 20

Process control

Siemens Switzerland Ltd.
Building Technologies Group
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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

Typical energy consumption per year	14 kWh/a
Maintenance	not necessary

Risk of fire

Fire load	2 MJ
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Packaging

Polyster, Aluminum, Polyethylene	Metal. Shielding bag	13 g
22-PAP paper	Mounting Fx20 Components	3 g
20-PAP Corrugated fibre board	Folding box	99 g
PU-foam	Foam	10 g
Notes on disposal	One-way, recyclable	

Materials				Total weight device	115 g
Plastics	PMMA		Halogen-free	Holder to Linecards	2 g
Metals	Steel		zinc plated	Screws	1 g
PCB assembled	FR4	TBBA	SnAgCu	PCB cpl. FCL2001-A1	112 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

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:

- Easily removable. Disassembling is possible without any important effects regarding waste disposal.

Materials:

- The device is halogen-free.
- The device is antimony-free.

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.