



Environmental Product Declaration

Product

Type of equipment / Product No.	FCM2031-F2 S54400-F115-A1
Designation	Operating add-on (Degrade)
Product line	FS20

Process control

Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 6301 Zug - CH			
Management System	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 assesses, 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 with Siemens Standard SN 36350 "Environmentally compatible products".

Product use

Typical energy consumption	3kWh/a
Maintenance	Not necessary
Fire load	7MJ

Packaging

20-PAP Corrugated fiber board	Die-cut-box	197g
20-PAP Corrugated fiber board	Folding Box	132g
20-PAP Corrugated fiber board	Formed part to package oper. Unit	37g
Polyester, Polyethylene	Static shield bag	20g
PE	Plastic bags	12g

Materials

Total weight of device		1'552g	
<small>The total weight of a device may deviate from the total of the weights of all individual components due to rounding</small>			
Plastics	PES	Design foil	45g
	Q Silicone rubber; halogenated	Keypads	153g
	PVC rigid; halogenated	Flat cable mounting	9g
Metals	Steel; zinc plated	Support	1'022g
	Steel; zinc plated	Screws	16g
Others	PBT GF, Be/Cu, PVC	6 Pol. Cables	99g
	PBT GF, Be/Cu, PVC	20 Pol. Cable	50g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCB ass. to FCM2031	158g

Disposal



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

Comments

EU-directive 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:
Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials
Cd: <0.01% by weight in homogeneous materials

Regulation (EC) No. 1907/2006 (REACH)

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.

Status according to the creation date of this document.

The device is halogen-free with exception of:

PCB (TBBA); PVC ribboncable; Flat cable mounting; Keypads

Legal Disclaimer: This declaration is for information purpose 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 Schweiz AG 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.