



## Environmental Product Declaration

### Product

Type of equipment / Product No.	FCM2019-U2 / S54400-C41-A1 and FCM2019-U3 / S54400-C41-A2 FCM2035-U2 / S54400-C139-A1 and FCM2035-U3 / S54400-C140-A1		
Designation	Operating Unit + LED mod. Operating Unit + LED mod.		
Product line	FS20		

### Process control

Siemens Switzerland Ltd. Building Technologies Division Gubelstrasse 22 CH-6301 Zug			
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 Siemens Standard SN 36350 "Environmentally compatible products".

Maintenance	Not necessary
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### Packaging

20-PAP Corrugated fiber board	Packaging operating unit	370g
20-PAP Corrugated fiber board	Folding Box	132g
20-PAP Corrugated fiber board	Corrugated fiber board	260g
Polyester, Polyethylene	Static shield bag	23g
PE	Plastic bag	20g
Notes on disposal	One-way, recyclable	

### Materials

Total weight of device	1'905g	
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The total weight of a device may deviate from the total of the weights of all individual components due to rounding

Plastics	Q Silicone rubber, halogenated	Keypad	350g	
	PVC rigid, halogenated	Flat cable mounting	6g	
	Polyester foil	Design Foil	41g	
Metals	Steel, zinc plated	support op. Unit	940g	
	Steel, zinc plated	Screws	8g	
	CrNi Steel	Shielding plate PMI	47g	
Others	PBT GF, Be/Cu, PVC	34 Pol. Cable	48g	
	PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PMI- & Mainboard to FCM2027	380g
	FR4; TBBA; solder SnAgCu	FCC2006-A1 CPU module (MPC8248)	18g	
	FR4; TBBA; solder SnAgCu	LED module	68g	

## 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)

### 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 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.