




## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	FCM2023-U2 / FCM2023-U3 / FCM2034-U2 / FCM2034-U3 S54400-C45-A1 / S54400-C45-A2 / S54400-C137-A1 / S54400-C138-A1		
	Designation	Option module		
	Product line	FS20		
<b>Process control</b>	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	
<b>Environmentally compatible product design</b>	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".			
<b>Product use</b>	Typical energy consumption	9kWh/a		
	Maintenance	Not necessary		
	Fire load	3MJ		
<b>Packaging</b>	20-PAP Corrugated fiber board	shift box	190g	
	Polyester, Aluminium, Polyethylene	shielding bag	9g	
	Notes on disposal	recyclable		
<b>Materials</b>	Total weight of device			493g
	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	Isolation pad to FTO2002-A1	80g
	Metals	Steel <=5% alloyed	FCM2027-U1 Op. module bracket (LED)	290g
		Steel	6 Pan head screws	3g
	Others	PBT GF, Be/Cu, PVC	20pol. Ribbon cable L=45mm	4g
		PBT GF, Be/Cu, PVC	20pol. Ribbon cable L=840mm	50g
	PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	LED modul	66g
	<b>Disposal</b>	 <p>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.</p>		

## 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

### 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.