



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	FT2080-A1 / S54400-C120-A1 FT2080-C2 / S54400-C120-A2			
	Designation	Fire terminal (touch)			
	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)	20.10.1998	SQS		
	ISO 9001 (Quality)	22.07.1986	SQS		
	OHSAS 18001 (OH&S)	01.01.2011	SQS		
<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 with Siemens EP Standard No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".				
<b>Product use</b>	Typical energy consumption	88kWh/a			
	Maintenance	Not necessary			
	Fire load	variant *) see below			
<b>Packaging</b>	20-PAP Corrugated fiber board	Shift box	590g		
	Polyester, Aluminum, Polyethylene	Metal shielding bag	20g		
	Polyethylene	Plastic bags	5g		
<b>Materials</b>	Total weight of device	variant *) see below			
	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	Keypad	variant		
	PVC rigid; halogenated	2x Flat cable mounting	6g		
	PE	Design Foil	15g		
	PE	Inscription strips	variant		
	PA6	Switching lever	variant		
	Metals	Steel; zinc plated	Hexagon stand-off M3x18	4g	
		Steel; zinc plated	Lens head screws M3x4	variant	
steel CrNi		Shielding plate	52g		
Steel; zinc plated		Mounting plate to display	448g		
Steel stainless		Carrier	645g		
Steel; zinc plated		4x Screws m5x10	10g		
Steel; zinc plated		Lock carrier	variant		
CuZn; nickel plated		KABA-cheese	variant		
CuZn; nickel plated		Chuck-in rosette	variant		
Others		PBT GF, Be/Cu, PVC	34pol. Ribbon cable	36g	
	PBT GF, Be/Cu, PVC	20pol. Ribbon cable	4g		
	PBT GF, Be/Cu, PVC	16pol. Ribbon cable	13g		

PVC, PE, Cu	Wire AWG28 (8x)	5g	
	LCD display	490g	
	Touch screen	213g	
	Loudspeaker	5g	
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	FTO2010-A1 Frontpanel	79g
	FR4; TBBA; solder SnAgCu	PMI & Mainboard	281g
	FR4; TBBA; solder SnAgCu	FTO2014 Carrier CPU modules	73g
	FR4; TBBA; solder SnAgCu	CPU MODULE	24g
	FR4; TBBA; solder SnAgCu	CORVUS CPU MODULE	19g

**\*Variant parts list**

	S54400-C120-A1	S54400-C120-A2										
Total weight of device [g]	2'544	2'594										
Keypad	80	74										
Inscription strips	30	6										
Switching lever		3										
Lens head screws M3x4	12	13										
Lock carrier		3										
KABA-cheese		70										
Chuck-in rosette		3										
Fire load [MJ]	11	10										

**Disposal**



The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (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 2011/65/EU (RoHS)**

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

**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 ribboncables; Flat cable mountings

**Environmental benefits**

**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.