



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	S54392-C5-A1	FC2040-CL Fire control panel (exting.)	
	Product line	FS20		
<b>Process control</b>	Siemens Schweiz AG Building Technologies Division Theilerstrasse 1a 6300 Zug - CH			
	Management System	since	by	
	ISO 9001 (Quality)	22.07.1986	SQS	
	ISO 14001 (Environment)	20.10.1998	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".			
	Maintenance	Not necessary		
	Fire load	85MJ		
<b>Packaging</b>	20-PAP Corrugated fiber board	Packaging to rear (large) and drilling gauge	1'700g	
	22-PAP paper	Enclosed notes	49g	
	20-PAP Corrugated fiber board	Packaging to cover cap (2x) and operating unit + insert	50g	
	20-PAP Corrugated fiber board	Folding box to conn. Module	33g	
	Polyester, Polyethylene, Aluminum	Shielding bags	9g	
	PU	PU-Foam	152g	
	4-LDPE	Protection foils (housing, cover cap, plane compartment)	27g	
	4-LDPE	PE-bags	2g	
<b>Materials</b>	Total weight of device	23'653g		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
<b>Plastics</b>	ABS+PC; halogenated	Cover cap (2x)	1'286g	
	PES	Inscription strips (2x)	18g	
	PES	Design foil to operating unit / Foil to plan compartment	83g	
	PVC rigid; halogenated	Edge protection (L=95mm) / Flat cable mounting (5x) / Pipe	45g	
	Q Silicone rubber; halogenated	FCM2012-A1 Keypad / FTO2004-C1 Keypad	307g	
	Chloroprene	Edge Protection Profile (Trapezium / Rectangle)	47g	
	Mylar, boPET	Insulation sheet to power supply	14g	
	ABS	Mounting plate self adhesive (3x)	2g	
	PC; GF 0%	Card guides to FCA2046-A1 (2x)	14g	
	PMMA	Holder to linecards for XCI2003-A1	2g	
	PA	Nylon-plugs / Cable straps (18x) / Mounting rail end piece	15g	
	EPDM	Pole protective caps	27g	
	PA	Cover plate orange/grey (6x)	22g	
	<b>Metals</b>	Steel; zinc plated, powder coated	Rear cpl (Large)	11'850g
		Steel; zinc plated	Support to operating unit (Option) / Hat mounting rails	1'276g
Steel; zinc plated, powder coated		Front sheet metal to plan compartment	1'083g	

	Steel; zinc plated, powder coated	Door to plan compartment	999g
	CuZn; nickel plated	Key lock cpl. (2x)	170g
	Steel; zinc plated	Screws for housing / plan compartment / accessoire	82g
	Steel; zinc plated, powder coated	Rear of plan compartment	1'060g
	CuNiZn	Keys for the lock (4x)	44g
	Steel; zinc plated	Screws to operating unit / retaining spring	31g
	Steel CrNi	Shielding plate PMI / Schlauchbride CS 11	48g
	Al	Housing to power supply / Aluminium patch tap D45	414g
	Steel CrNi	Fastening angle to power supply	27g
	Steel; zinc plated	Rail bracket / Mount. plate FHA2019-A1 / FCA2046-A1	1'780g
	SMnPb	Hexagon Stand off (3x)	4g
	Steel CrNi; zinc plated	Shielding plate to XCI2003-A1	53g
	Steel; Steel	Spacer M3x16 to XCI2001-A1 (2x)	6g
Others	PBT GF, Be/Cu, PVC	Ribbon cable 34 pol. L=670 / Ribbon cable 20 pol. L=47	42g
	PVC, Cu	Control wire LIYY to power supply	10g
	PBT, PVC, Cu, CrNi	Cable-kit to FC2060-CC	236g
	PBT, PVC, Cu, CrNi	other cables	74g
	PA 66, CuZn, CuSn, CrNi	PCB-connectors to FCA2046-A1	71g
	PA, Cu CrNi	Relay modules	577g
	PA 66 GF, PC, CuZn	Power Socket	79g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	FCM2027 PMI- & Mainboard	358g
	FR4; TBBA; solder SnAgCu	PCB cpl. FTO2004-C1 FBAterminal	48g
	FR4; TBBA; solder SnAgCu	FCC2006-A1 CPU Modul	18g
	FR4; TBBA; solder SnAgCu	FCI2004-A1 Periphery board	300g
	FR4; TBBA; solder SnAgCu	PCB assembled to power supply	648g
	FR4; TBBA; solder SnAgCu	PCB assembled to FCA2046-A1	142g
	FR4; TBBA; solder SnAgCu	PCB assembled to XCI2003-A1	226g
	FR4; TBBA; solder SnAgCu	PCB assembled to FCA2006-A1	15g
	FR4; TBBA; solder SnAgCu	PCB assembled to FCA2006-A1	15g
Special components (part of the assembled PCB)	Capacitors > 12 cm <sup>3</sup>	on PCB assembled to power supply (2x)	(46g)
	Transformator	on PCB assembled to power supply (2x)	(360g)

## 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.)

#### 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.