SIEMENS

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product	Type of equipment / Product No.	FT2018-U1	LED annunciator
		FT2018-R1	LED annunciator
		FT2019-U1	LED annunciator
		FT2019-R1	LED annunciator
		FCM901-L2	Fire Alarm control panel
		FCM901-L2	Fire Alarm control panel
		FTH2073-UA	LED annunciator enclosure
		FTH073-VP	LED annunciator enclosure
		FT2007-S1	accessory
		FX901-S1	accessory
	Product line, product range	FC360 UL	

Process control

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Management System	since	by
ISO 9001 (Quality)	06.01.2001	LPCB
ISO 14001 (Environment)	05.07.2005	SGS
OHSAS 18001 (OH&S)	12.12.2011	SGS

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 EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Product use	Typical energy consumption	variant *) see below	
	Maintenance	follow BSCE service stragety	
		follow BSCE service stragety	
Risk of fire	Fire protection according to	UL 864	
	Fire load	variant *) see below	
Packaging	20-PAP Corrugated fiber board	Carton Box	variant
	4-LDPE	Plastic bag	variant
	EPE	Cushion	variant
	Notes on disposal	One-way, recyclable	
Materials	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	PA; halogen-free	cable tie	variant

	Q Silicone rubber; halogen-free	Rubber Key	variant
	PC; halogen-free	window	variant
Metals	Steel; powder-coated	Front Cover	variant
	Steel; powder-coated	Chassis	variant
	Cu alloy; zinc plated	lock	variant
	Steel; zinc plated	screw	variant
	Steel; galvanized	battery bracket	variant
	Steel; galvanized	supporting frame	variant
	Steel; powder-coated	hinge	variant
	Steel; powder-coated	plate	variant
	Steel; galvanized	spacer	variant
Others	plastic / metal	Jumper	variant
	PVC / Cu	Cable / Wire	variant
	plastic / metal	Buzzer	variant
	PET	Film	variant
	paper	Strip	variant
PCBAs (Printed Circuit Board assembled)	FR4; halogen-free	Board_2a	variant
	FR4; halogen-free	Board_2b	variant
	FR4; halogen-free	main board	variant
	FR4; halogen-free	CPU board	variant
Special components (part of the assembled PCB)	LCD > 100 cm²		

***Variant parts list**

[g]	FT2018-U1	FT2018-R1	FT2019-U1	FT2019-R1	FCM901-L2	FCM901-L2	FTH2073-UA	FTH073-VP	FT2007-S1	FX901-S1		
Total weight of device	1,359	1,359	1,795	1,795	2,130	2,130	3,730	315	25	56		
cable tie	1	1	1	1					1	3		
Rubber Key	108	108	149	149	316	316						
window							244					
Front Cover	551	551	726	726			1,068					
Chassis	463	463	642	642			1,464					
lock	61	61	61	61			72					
screw	5	5	7	7			5		8	9		
battery bracket					78	78						
supporting frame					1,098	1,098	827					
hinge							42					
plate								315				
spacer									10	2		
Jumper	0	0	0	0					0			
Cable / Wire	17	17	22	22			8		6	42		
Buzzer	8	8	8	8								
Film	10	10	15	15	44	44						
Strip	1	1	1	1	1	1						
Board_2a	106	106	106	106								
Board_2b	28	28	56	56								
main board					583	583						

CPU board						9	9						
Fire load	[MJ]	5	5	6	6	15	15	8		1	1		
Typical energy consumption	[kWh/a]	3	3	4	4	119	119						
Packaging													
Carton Box	[g]	503	503	289	289	810	810	396	143	185	117		
Plastic bag		40	40	26	26	150	150		128	9	9		
Cushion		26	26	40	40			66					

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. 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:
PVC ribboncable; PVC cable

Environmental benefits

Energy reduction up to 10%

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.

Beijing Siemens Cerberus Electronics 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.