SIEMENS

Smart Infrastructure
Building Products

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product	Type of equipment / Product No.	S54437-C101-A1	SSI2330-1 FC2030+STT30-1

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	Designation	SSI2330-1 FC2030+STT30-1
	Product line, Product range	STT30-1

Process control

Siemens S.A.S
Smart Infrastructure Building Products
15-17 avenue Morane Saulnier
78140 Vélizy-Villacoublay, France

Management System	since	by
ISO 9001 (Quality)	11-September-1997	BVQI

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	444,570kWh/a
		Typical energy consumption
	Maintenance	Not necessary
		Not necessary
Risk of fire	Fire protection according to	EN 62368-1
	Fire load	23MJ

Packaging	22-PAP Paper	Label	3g
	Plastic - Other	Plastic bag	7g
	22-PAP Paper	Install instruction	10g
	22-PAP Paper	Kraft paper bag	17g
	20-PAP Corrugated fibreboard	Cardboard packaging	2.782g

	Notes on disposal	One-way, recyclable	
Materials	Total weight of device		30.944g
		The total weight of a device may deviate from the total of the weights of all individual components due to rounding.	
Plastics	PA66	Terminal blocks	188g
	PA66	Blocking bracket	10g
	PA66	Self-adhesive base	4g
	PA66	Standoff cable clamp	18g
	PA66	Self-adhesive fastener	6g
	PVC soft	Grey button for STTM2002	40g
	PVC soft	Red button for STTM2002	20g
	PVC soft	Blue button for STTM2002	2g
Metals	Steel stainless	Screws	30g
	Cu	Flexible braid	38g
	Steel stainless	Washers	2g
	Steel stainless	Nuts	14g
	CuZn	GND Ground Terminal	14g
	Steel	Spacers	94g
	Steel stainless	Power supply support	1.210g
	Steel stainless; Phosphatation amorphe 3um	Complete box	19.445g
	Steel stainless	Power supply cover	255g
Others	Polyester	Labels	4g
	Electronic equipment	STTM2010-F1 Op. add-on equipped	1.310g
	Electronic equipment	FC2030-FX Kit	4.247g
	PET/Cu	Pluggable terminal block	6g
	Lithium-thionyl chloride	Battery	16g
	PA, PBT, PVC, Cu-Alloy, Zn	Wire kit	640g
	Electronic equipment	Front panel equipped MGB30	1.600g
	Electronic equipment	AES 24V 4A	790g
	Wemid	Spring connection	4g
	PBT GF, Be/Cu, PVC	Ribbon cables	10g
	PBT GF, Be/Cu, PVC	Nappe Cardcage SSI2x30	40g

PCBAs (Printed Circuit Board assembled)	FR4; low-halogen; solder Immersion_Tin	CE CP4260 MC20	490g
	FR4; low-halogen; solder Immersion_Tin	PCBA CP4340 to MD30	380g
	FR4; low-halogen; solder Immersion_Tin	CE CO4150 SSI2020	20g

Special components
(part of the assembled PCB)

***Variant parts list**	[g]
Total weight of device	
PA66	
PA66	
PA66	
PA66	
PA66	
PVC soft	
PVC soft	
PVC soft	

Steel stainless
Cu
Steel stainless
Steel stainless
CuZn
Steel
Steel stainless
Steel stainless; Phosphatation amorphe 3um
Steel stainless

Polyester
Electronic equipment
Electronic equipment
PET/Cu
Lithium-thionyl chloride
PA, PBT, PVC, Cu-Alloy, Zn
Electronic equipment
Electronic equipment
Wemid
PBT GF, Be/Cu, PVC
PBT GF, Be/Cu, PVC

FR4; low-halogen; solder Immersion_Tin
FR4; low-halogen; solder Immersion_Tin
FR4; low-halogen; solder Immersion_Tin

Fire load [MJ]

Typical energy consumption
[kWh/a]

Special components (part of the assembled PCB)
[pcs]

Packaging

22-PAP Paper [g]

Plastic - Other

22-PAP Paper

22-PAP Paper

20-PAP Corrugated fibreboard

Disposal	The symbol or any other national label indicates the product, its packaging and where applicable, any removed batteries may not be disposed as part of normal waste. Delete any personal data and dispose of the item via separate collection and recycling facilities in accordance with local and national regulations. For additional details, refer to www.siemens.com/bt/disposal. For country-specific requirements regarding further disposal information: http://www.siemens.com/download?A6V13734633

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

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. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(Status according to the creation date of this document.)

The device is low-halogen with exception of:
PVC cable; PVC ribboncable

Environmental benefits

Serves for the early detection of fires and prevents the discharge of toxic gases.
Easily removable. Disassembling is possible without any important effects regarding waste disposal.
Very low energy consumption.

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 S.A.S 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.

17.11.2023