## **SIEMENS**



## Environmental **Product Declaration**

**Product** 

Type of equipment / Product No.

QSA2700

QSA2700D AQS2700

Fine dust sensor to monitor PM2.5 value Fine dust sensor with LCD desplay to monitor F Replacement sensor module for QSA2700 and

#### **Product**

Product line, product range SRA

**Process control** 

Beijing Siemens Cerberus Electronics Ltd.

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100094, Beijing, China

Management System since by SGS ISO 14001 (Environment) 14.04.2017 ISO 9001 (Quality) 08.05.2017 SGS OHSAS 18001 (OH&S) 14.04.2017 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

5kWh/a

Maintenance

Risk of fire

Fire protection according to

Fire load

**Packaging** 

1 ... 3MJ

20-PAP Corrugated fiber board Carton Box 0 ... 394g 20-PAP Corrugated fiber board Cardboard 0 ... 103g

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### EPD - Type II Based on ISO 14021

0 ... 720g

	20-PAP Corrugated fiber board	Gift box insert	0 420g			
	20-PAP Corrugated fiber board	Carton Box	0 213g			
	20-PAP Corrugated fiber board	Cardboard	0 216g			
	20-PAP Corrugated fiber board	Gift box	0 320g			
	20-PAP Corrugated fiber board	Gift box insert	0 240g			
	Notes on disposal	One-way, recyclable				
Materials	Total weight of device		variant *) see below			
Materials	· ·	ight of a device may deviate from the total of the weights of all	,			
Materials Plastics	· ·	ight of a device may deviate from the total of the weights of all Front Housing	,			
	The total wei	,	individual components due to rounding.			
	The total wei	Front Housing	individual components due to rounding.  variant			
	The total wei PC; halogen-free PC; halogen-free	Front Housing Rear Housing	individual components due to rounding.  variant  variant			

Gift box

20-PAP Corrugated fiber board

Metals Steel	l; nickel plated	Screw, M2.2x10 (2pcs)	variant
Steel	l; nickel plated	Screw, M2.2x4 (3pcs)	variant
Steel	l; nickel plated	Screw, M3x25 (2pcs)	variant

Others

Sensor

Sensor

Sensor

24g

Lens

variant

LCD

variant

### EPD - Type II Based on ISO 14021

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PCBAs (Printed Circuit Board assembled)

FR4; halogen-free; solder SnAgCu FR4; halogen-free; solder SnAgCu FR4; halogen-free; solder SnAgCu FR4; halogen-free; solder SnAgCu PM2.5 Main Board variant
PM2.5 TM Board variant
PM2.5 Module BKT Board 1g
PM2.5 DS Board variant

Special components (part of the assembled PCB)

### \*Variant parts list

Total weight of device Front Housing Rear Housing Mounting plate Cover LCD Bracket

_								
[g]	QSA2700	QSA2700D	AQS2700					
	140	154	35					
ĺ	16	16						
İ	22	22						
ĺ	18	18						
İ	10		10					
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Screw, M2.2x10 (2pcs) Screw, M2.2x4 (3pcs) Screw, M3x25 (2pcs)

Sensor Sensor Lens LCD

	1	1						
	1	1						
	2	2						
		1						
	24	24	24					
	14	14						
		12						
	17	17						
	8	8						
	1	1	1					
		1						
]	3	3	1					
•				L				

PM2.5 Main Board PM2.5 TM Board PM2.5 Module BKT Board PM2.5 DS Board

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### EPD - Type II Based on ISO 14021

Packaging Carton Box

Cardboard

Gift box

Gift box insert

Carton Box

Cardboard

Gift box

Gift box insert

#### 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.

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EPD - Type II
Based on ISO 14021

#### 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.

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