



## Environmental Product Declaration

### Product

Type of equipment / Product No.	UH50-A05C-XX06-F 0B-0000-M2A	Heat meter
	UH50-C05C-XX06-F 0B-0000-M2A	Heat meter
	UH50-A21C-XX06-F 0B-0000-M2A	Heat meter
	UH50-C21C-XX06-F 0B-0000-M2A	Heat meter
	UH50-A36C-XX06-F 0B-0000-M2A	Heat meter
	UH50-C36C-XX06-F 0B-0000-M2A	Heat meter
	UH50-A45C-XX06-F 0D-0000-M2A	Heat meter
	UH50-C45C-XX06-F 0D-0000-M2A	Heat meter
	UH50-A50C-XX06-F 0D-0000-M2A	Heat meter
	UH50-C50C-XX06-F 0D-0000-M2A	Heat meter
	UH50-A61C-XX06-E 0N-0000-M2A	Heat meter
	UH50-C61C-XX06-E 0N-0000-M2A	Heat meter
Product line	UH50	

### Process control

Siemens Switzerland Ltd Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
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

### Product use

Typical energy consumption	1kWh/a Mbus module 42V / 1.5mA -> 63mW / Meter 1Ah@3,6V/Year -> 410µW
Maintenance	Not necessary

### Risk of fire

Fire protection according to	EN 60730
Fire load	variant *) see below

### Packaging

20-PAP Corrugated fiber board	Packaging	variant
22-PAP paper	Operating instruction SBT 18 languages	94g
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	Aramid fiber + NBR; halogen-free	Sealing disk variant

	EPDM; halogen-free	Molded part / Seal	variant
	FKM; halogenated	Damping element	variant
	PBT; GF 15%; halogen-free	Cover + adapter plate	variant
	PBT; GF 20%; halogen-free	Cover small	variant
	PC; GF 10%; halogen-free	Housing bottom	62g
	PC; halogen-free	FBG housing + cover	128g
	PE; halogen-free	Shield	5g
Metals	Al alloy; lacquered	Dial	7g
	Cu alloy	Receiving part	variant
	CuSn	Baffle plate	variant
	CuZnPb	Reflector plate	variant
	CuZn	Baffle plate	variant
	Steel; galvanized	Magnet plate	11g
	Steel; galvanized	Screws, plates	variant
	steel CrNi	Screws, plates	variant
Others	Cu / LSR / ETFE	Cable / Wire	60g
	Cu / LSR / ETFE / Steel alloy	Temperature sensor	variant
	Piezoceramic (PZT)	Ultrasonic transducer	2g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	Main circuit board	40g
Special components (part of the assembled PCB)	Passive components		157pcs
	Active components		8pcs
	Ics		6pcs

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

**\*Variant parts list**

	[g]	UH50-A05C-XX06-F 0B-0000-M2A	UH50-C05C-XX06-F 0B-0000-M2A	UH50-A21C-XX06-F 0B-0000-M2A	UH50-C21C-XX06-F 0B-0000-M2A	UH50-A36C-XX06-F 0B-0000-M2A	UH50-C36C-XX06-F 0B-0000-M2A	UH50-A45C-XX06-F 0D-0000-M2A	UH50-C45C-XX06-F 0D-0000-M2A	UH50-A50C-XX06-F 0D-0000-M2A	UH50-C50C-XX06-F 0D-0000-M2A	UH50-A61C-XX06-E 0N-0000-M2A	UH50-C61C-XX06-E 0N-0000-M2A
Total weight of device	[g]	952	954	908	910	1'023	1'025	3'158	3'158	3'158	3'158	6'688	6'688
Sealing disk		1	1	1	1	2	2	3	3	3	3	34	34
Molded part / Seal		7	9	7	9	7	9	15	15	15	15	15	15
Damping element		2	2	2	2	2	2	4	4	4	4	4	4
Cover + adapter plate		8	8	8	8	8	8	111	111	111	111	111	111
Cover small		18	18	18	18	18	18						
Receiving part		32	32	32	32	32	32	57	57	57	57	57	57
Baffle plate		1	1	3	3	4	4	2	2	2	2	2	2
Reflector plate		373	373	327	327	441	441	2'333	2'333	2'333	2'333	5'660	5'660
Baffle plate		3	3	3	3	3	3	14	14	14	14	26	26
Screws, plates		12	12	12	12	12	12	16	16	16	16	16	16
Screws, plates		20	20	20	20	20	20	109	109	109	109	109	109
Temperature sensor		160	160	160	160	160	160	180	180	180	180	340	340
Fire load	[MJ]	12	12	12	12	12	12	15	15	15	15	19	19
Packaging													
Packaging	[g]	157	157	157	157	157	157	1'050	1'050	1'050	1'050	1'050	1'050

## 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.

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## 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:

Cable parts (ETFE Insulation); Damping body of ultrasonic transducer (FKM); Circuit board (TBBA)

### 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 Switzerland 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.