



Environmental Product Declaration

Product

Type of equipment / Product No.	UH50-A65D-XX06-E 0N-0000-M2B	Heat meter
	UH50-C65D-XX06-E 0N-0000-M2B	Heat meter
	UH50-A70D-XX06-E 0N-0000-M2B	Heat meter
	UH50-C70D-XX06-E 0N-0000-M2B	Heat meter
	UH50-A74D-XX06-E 0Q-0000-M2B	Heat meter
	UH50-C74D-XX06-E 0Q-0000-M2B	Heat meter
	UH50-A83D-XX06-E 0Q-0000-M2B	Heat meter
	UH50-C83D-XX06-E 0Q-0000-M2B	Heat meter
	UH50-A23C-XX06-F 0B-0000-M2A	Heat meter
	UH50-A38C-XX06-F 0B-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; lackiert	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	variant
		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**

	UH50-A65D-XX06- E 0N-0000-M2B	UH50-C65D-XX06- E 0N-0000-M2B	UH50-A70D-XX06- E 0N-0000-M2B	UH50-C70D-XX06- E 0N-0000-M2B	UH50-A74D-XX06- E 0Q-0000-M2B	UH50-C74D-XX06- E 0Q-0000-M2B	UH50-A83D-XX06- E 0Q-0000-M2B	UH50-C83D-XX06- E 0Q-0000-M2B	UH50-A23C-XX06- F 0B-0000-M2A	UH50-A38C-XX06- F 0B-0000-M2A
Total weight of device [g]	7'385	7'385	11'851	11'851	13'643	13'643	18'649	18'649	1'374	1'329
Sealing disk	38	38	52	52	60	60	66	66	2	2
Molded part / Seal	15	15	15	15	15	15	15	15	7	7
Damping element	4	4	4	4	4	4	4	4	2	2
Cover + adapter plate	111	111	111	111	111	111	111	111	8	8
Cover small									18	18
Receiving part	57	57	10'197	10'197	11'577	11'577	16'577	16'577	32	32
Baffle plate	2	2	2	2	2	2	2	2	5	9
Reflector plate	6'270	6'270	630	630	630	630	630	630	611	562
Baffle plate	50	50	2	2	2	2	2	2	3	3
Screws, plates	16	16	16	16	16	16	16	16	12	12
Screws, plates	109	109	109	109	133	133	133	133	20	20
Cable / Wire	119	119	119	119	119	119	119	119	60	60
Temperature sensor	340	340	340	340	720	720	720	720	340	340
Fire load [MJ]	20	20	20	20	28	28	28	28	15	15
Packaging										
Packaging [g]	1'050	1'050	2'250	2'250	2'250	2'250	2'250	2'250	157	157

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.

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.