



Environmental Product Declaration

Product	Type of equipment / Product No.	S55561-F112	UH50-A05-00	
		S55561-F113	UH50-A21-00	
		S55561-F114	UH50-A36-00	
		S55561-F122	UH50-C05-00	
		S55561-F123	UH50-C21-00	
		S55561-F124	UH50-C36-00	
	Product line, Product range	UH50 - heat meter / heating cooling meter - Qp0.6 - Qp2.5		
Process control	Siemens Schweiz AG			
	Smart Infrastructure			
	Theilerstrasse 1a			
	CH-6300 Zug			
	Management System	since	by	
ISO 9001 (Quality)	22-July-1986	SQS		
ISO 14001 (Environment)	20-October-1998	SQS		
OHSAS 18001 (OH&S)	01-January-2011	SQS		
Product use	Typical energy consumption	0.004kWh/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	12MJ		
Packaging	20-PAP Corrugated fibreboard	Cardboard packaging	157g	
	22-PAP Paper	Instruction manual	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 fibre + NBR; low-halogen	gasket flow part	2g	
	EPDM; low-halogen	Molded part / cable grommet / seal	variant	
	FKM; halogenated	Damping body	3g	
	PBT; GF 15%; low-halogen	Cover big + Adapter plate	8g	
	PBT; GF 20%; low-halogen	Cover small	18g	
	PC; GF 20%; low-halogen	Housing lower part	62g	
	PC; low-halogen	FBG cover + lid	128g	
	PE; low-halogen	Aperture shield	5g	
	Metals	Al alloy; lacquered	dial plate	7g
		Cu alloy	Armature	32g
CuSn		Guide plate	variant	

	CuZnPb	Reflector plate	variant
	CuZn	Leitblech	3g
	Steel; zinc plated	Magnetic shield	11g
	Steel; galvanized	Screws, plates	12g
	Steel CrNi	Screws, plates	20g
Others	Cu / LSR / EFTE	Cable / Wire	60g
	Cu / LSR / ETFE / Steel highly alloyed	Temperature sensor	160g
	Piezoceramic (PZT)	Transducer	2g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	Main PCB	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**

	S55561-F112	S55561-F113	S55561-F114	S55561-F122	S55561-F123	S55561-F124
Total weight of device [g]	952	908	1'023	954	910	1'025
Molded part / cable grommet / seal	7	7	7	9	9	9
Guide plate	1	3	4	1	3	4
Reflector plate	373	327	441	373	327	441

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)

The device contains the following substances of the candidate list meeting the criteria laid down in Article 57 of Regulation (EC) 1907/2006 and identified in accordance with Article 59(1) of EU REACH concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, including those which will become known at a later date, are listed on the delivery note.

Lead titanium zirconium oxide, CAS-Nr.12626-81-2; Lead, CAS-Nr.7439-92-1
(Status according to the creation date of this document.)

The device is low-halogen with exception of:

Cableparts (EFTE isolation); damping body of transducers (FKM); PCB (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 Schweiz AG 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.