



Environmental Product Declaration

Product	Type of equipment /	UH50-C47-00	combined heat-/cooling meter
	Product No.	UH50-C52-00	combined heat-/cooling meter
		UH50-C60-00	combined heat-/cooling meter
	Product line, product range T550 (UH50...)		
Process control	Siemens Switzerland Ltd		
	Building Technologies Division		
	Gubelstrasse 22		
	CH-6301 Zug		
	Management System	since	by
ISO 9001 (Qualität)	22.07.1986	SQS	
ISO 14001 (Umwelt)	20.10.1998	SQS	
OHSAS 18001 (Arbeit u Gesundheit)	01.01.2011	SQS	
Product use	Typical energy consumption	1kWh/a	
		Mbus module 42V / 1.5mA -> 63mW / Meter 1Ah@3,6V/Year -> 3,6Wh	
	Maintenance	nicht nötig	
Risk of fire	Fire protection according to	EN 60730	
Packaging	20-PAP Wellpappe	Karton	1'012g
	22-PAP Papier	Bedienungsanl. SBT 18-sprachig	107g
	1-PET	Folie	20g
	Notes on disposal	Einweg, rezyklierbar	
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	Aramidfaser + NBR; halogenfrei	Dichtscheibe	variant
	EPDM; halogenfrei	Formteil / Kabeltülle / Dichtung	15g
	FKM (Heizwert nicht bekannt); halogenfrei	Dämpfungskörper	4g
	PBT; GF 15%; halogenfrei	Adapterplatte	8g
	PBT; GF 15%; halogenfrei	Schallkopfabdeckung	105g
	PC; GF 10%; halogenfrei	Gehäuse Unterteil	125g
	PC; halogenfrei	FBG Abdeckung + Deckel	60g
	PE; halogenfrei	Blendenschild	5g
	PP; halogenfrei	Batteriesperrklappe	1g
	Q Silikonkautschuk; halogenfrei	Schallkopf Dichtmasse	4g
	Metals	Cu Legierung	Armatur / Reflektorplatte
Cu Legierung		SK Aufnahmeteile	57g
CuSn		Leitblech	variant
Stahl; verzinkt		Magnetblech	11g

	Stahl; galvanisiert	Schrauben, Bleche	16g
	Stahl CrNi	Schrauben, Bleche	106g
	Al Legierung; lackiert	Zifferblatt	6g
Others	Cu / LSR / ETFE	Kabel / Draht (Steuerleitung)	40g
	Cu / LSR / ETFE / Stahl hochlegiert	Temperaturfühler	variant
	Piezokeramik (PZT)	Ultraschallwandler	3g
PCBAs (Printed Circuit Board assembled)	FR4; halogenhaltig; solder SnAgCu	Hauptleiterplatte	46g
Special components (part of the assembled PCB)	Passive Bauteile		157pcs
	Aktive Bauteile		8pcs
	Ics		6pcs

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

***Variant parts list**

	UH50-C47-00	UH50-C52-00	UH50-C60-00									
Total weight of device [g]	3'092	4'821	3'659									
Dichtscheibe	3	17	6									
Armatur / Reflektorplatte	2'340	4'120	2'870									
Leitblech	4	2	2									
Temperaturfühler	134	71	170									

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.

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:

Kabelteile (ETFE Aderisolation); Dämpfungskörper der Ultraschallwandler (FKM); Leiterplatte (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.