



Environmental Product Declaration

Product

Type of equipment / Product No.	2WR605-MBE	Heat meter
	2WR605-MBG	Heat meter
	2WR605-MHE	Heat meter
	2WR605-MHG	Heat meter
	2WR621-MBE	Heat meter
	2WR621-MBG	Heat meter
	2WR621-MHE	Heat meter
	2WR621-MHG	Heat meter
	2WR636-MBE	Heat meter
	2WR636-MBG	Heat meter
	2WR636-MHE	Heat meter
	2WR636-MHG	Heat meter
Product line	2WR6	

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	see restoration guidelines Landis+Gyr

Risk of fire

Fire protection according to	EN 60730
Fire load	7MJ

Packaging

20-PAP Corrugated fiber board	Fiber board	157g
22-PAP paper	Operating instruction	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	PBT; GF 20%; halogen-free Cover, adapter plate	18g
	PBT; GF 15%; halogen-free Adapter plate	4g

	PC; GF 10%; halogen-free	Housing bottom	57g
	PC; halogen-free	Cover	29g
	PPS; halogen-free	Adapter joint	2g
	FKM; halogenated	Damping element	2g
	PET; halogen-free	Dial	3g
	Aramid fiber + NBR; halogen-free	Sealing disk	2g
Metals	CuZn	Shoulder screw	9g
	Cu alloy	Fitting 0,6 110	variant
	Cu alloy	Fitting 1,0/1,5 110	variant
	Cu alloy	Fitting 2,5	variant
	Steel >5% alloyed	Metal reflector	5g
	Cu alloy	Probe housing	32g
	Steel >5% alloyed	Battery springs	5g
	Steel; galvanized	Cover sheet	21g
Others	Li-Ion	Batteries / Accumulators	47g
	Cu / LSR / ETFE	Cable / Wire (control cable)	60g
	Cu / PVC	Cable / Wire (module line)	30g
	Cu / PVC / Steel alloyt/ +	Temperature sensor	40g
	Ceramic	Piezo	2g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	Circuit board assembled(M-Bus) V3.16	variant
	FR4; halogenated; solder SnAgCu	LP net (M-Bus) V3.16	variant

***Variant parts list**

	2WR605-MBE	2WR605-MBG	2WR605-MHE	2WR605-MHG	2WR621-MBE	2WR621-MBG	2WR621-MHE	2WR621-MHG	2WR636-MBE	2WR636-MBG	2WR636-MHE	2WR636-MHG
[g] Total weight of device	773	775	773	775	727	729	727	729	841	843	841	843
Fitting 0,6 110	373	373	373	373								
Fitting 1,0/1,5 110					327	327	327	327				
Fitting 2,5									441	441	441	441
Circuit board assembled(M-Bus) V3.16	32		32		32		32		32		32	
LP net (M-Bus) V3.16		34		34		34		34		34		34

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:
PVC cable; Damping element

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.

8000079907_A_en

17.11.2014