



Environmental Product Declaration

Product	Type of equipment / Product No.	WTV676-HB6035	m-bus-web-server
		WTV776-HB6035	M-Bus IoT gateway
	Product line, Product range	Metering	
Process control	Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH-6301 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	variant *) see below	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN 60730-1	
	Fire load	5MJ	
Packaging	20-PAP Corrugated fibreboard	Folded box	55g
	20-PAP Corrugated fibreboard	Folded box (Multibox)	34g
	4-LDPE Low density polyethylene	Bubble bag / Transport protection	3g
	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	ABS+PC; low-halogen	Housing	58g
	PES; low-halogen	Color label	1g
	PBT; low-halogen	Connection terminals	variant
	PBT; low-halogen	Terminal screw (clamps)	variant
	PVC soft	Antenna	variant
	Metals	Steel; zinc plated	Connection terminal screws
CuZn		SMA connector	10g
Steel; zinc plated		Terminal screw (clamps)	variant
Al alloy		Dissipator	variant
Steel stainless		Mounting bracket	variant
Others	TFT LCO PANEL STD	Display	6g
	Li-MnO2	1st battery / accumulator	3g

Smart Infrastructure
Building Products

PCBAs (Printed Circuit Board assembled)	CU+ZN/FE+C	Antenna	variant
	PE/PVC/CU	RG174	variant
	FR4; TBBA; solder SnAgCu	PCB SIN.PCBRTEVO0002	variant
	FR4; halogenated; solder SnAgCu	PCB SIN.PCBRTUEVO0001	variant
	FR4; low-halogen; solder SnAgCu	PCB PCBM0229	variant
	FR4; low-halogen; solder SnAgCu	PCB PCBM0229	variant
	FR4; low-halogen	PCB SIN.PCBRTUEVO20001	variant
	FR4; low-halogen	PCB SIN.PCBRTUEVO20002	variant

***Variant parts list**

	[g]	WTV676-HB6035	WTV776-HB6035
Total weight of device		279	267
Connection terminals		19	
Terminal screw (clamps)			9
Antenna			35
Connection terminal screws		10	
Terminal screw (clamps)			9
Dissipator			13
Mounting bracket			24
Antenna		60	
RG174		12	
PCB SIN.PCBRTEVO0002		52	
PCB SIN.PCBRTUEVO0001		30	
PCB PCBM0229		19	
PCB PCBM0229			20
PCB SIN.PCBRTUEVO20001			64
PCB SIN.PCBRTUEVO20002			15

Typical energy consumption

[kWh/a]	127.020
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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)

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. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(Status according to the creation date of this document.)

The device is low-halogen with exception of:
PCB (TBBA)

Environmental benefits

The M-Bus web server allows the read out of M-bus meter data. By analyzing the energy report and energy bill, the user is able to reduced its energy consumption.

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.