



Environmental Product Declaration

Product	Type of equipment /	EMI DAC	External Modbus Interface for damper actuators
	Product No.	EMI VAC	External Modbus Interface for valve actuators
		EMI DAC with M12 connector - A5W00026050	External Modbus Interface for damper actuators
		EMI DAC with M12 connector - A5W00044432	External Modbus Interface for damper actuators
		EMI DAC with M12 connector - A5W00062041	External Modbus Interface for damper actuators
Product line, product range		External Modbus Interface for damper and valve actuators	

Process control	Siemens Schweiz AG		
	Building Technologies Division		
	Theilerstrasse 1a		
	CH-6300 Zug		
	Management System	since	by
ISO 9001 (Quality)	22.07.1986	SQS	
ISO 14001 (Environment)	20.10.1998	SQS	

Environmentally compatible product design Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Product use	Typical energy consumption	4kWh/a
	Maintenance	Not necessary None
	Fire load	variant *) see below

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	EMI Upper Housing	20g
	ABS+PC; low-halogen	EMI Lower Housing	21g
Others	PVC (H)05V2V2-F	Cable / Wire	variant
	PVC (H)05V2V2-F	Cable / Wire	variant
	PUR/PVC	Cable / Wire PUR	variant
PCBAs (Printed Circuit Board assembled)	FR4; low-halogen; solder SnAgCu	PCBA	11g

Building Parts

***Variant parts list**

	EMI DAC	EMI VAC	EMI DAC with M12 connector - A5W00026050	EMI DAC with M12 connector - A5W00044432	EMI DAC with M12 connector - A5W00062041							
Total weight of device [g]	138	143	105	122	105							
Cable / Wire	87		23	40	23							
Cable / Wire		92										
Cable / Wire PUR			31	31	31							
Fire load [MJ]	4	4	3	3	3							

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, 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:
PVC cable; PUR Cable

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.