



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	GLB111.9E/KN(highest fire load representative)	Damper Actuator; 10Nm, 24V, KONNEX modul
	Product line, product range	Damper Actuator / OpenAirTM GDBxxx.9A/xx ... GDBxxx.9X/xx; GLBxxx.9A/xx ... GLBxxx.9X/xx	
<b>Process control</b>	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
<b>Environmentally compatible product design</b>	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".		
<b>Product use</b>	Typical energy consumption	3kWh/a	Energy consumption is between 2 and 26 kWh/a (depending mainly on running time of the actuator)
	Maintenance	Not necessary	None
<b>Risk of fire</b>	Fire protection according to	EN 60730 & UL 873	
	Fire load	10MJ	
<b>Packaging</b>	20-PAP Corrugated fibreboard	Cardboard & Paper	93g
	Notes on disposal	One-way, recyclable	
<b>Materials</b>	Total weight of device		716g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
<b>Plastics</b>	POM; low-halogen	Various plastic parts	10g
	ABS+PC; GF 10%; halogenated	Housing	67g
	ABS; low-halogen	Cover; Fork Manual Adjustment	41g
	PA66; AF 20%; low-halogen	Various plastic parts	12g
	TPC-ET; low-halogen	Gear Wheel 8/9	2g
	PC; halogenated	Various plastic parts	1g
	PC; GF 10%; halogenated	Various plastic parts	1g
	TPV-(EPDM+PP); low-halogen	Various plastic parts	1g
	PBT; GF 30%; halogenated	Various plastic parts	119g
	PA6T/6I; GF 50%; low-halogen	Universal Shaft	20g
<b>Metals</b>	Steel	Various steel parts	245g
<b>Others</b>	Steel, Copper, Plastics	Motors	83g
	PVC	Cable	113g
<b>PCBAs (Printed Circuit Board assembled)</b>	FR4; TBBA; solder SnAgCu	PCBA	6g

**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.

## Building Parts

### 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 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, including those which will become known at a later date, are listed on the delivery note.

Lead, CAS-Nr.7439-92-1; Silicic acid (H<sub>2</sub>SiO<sub>5</sub>), barium salt (1:1), lead-doped, CAS-Nr. 68784-75-8

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

The device is low-halogen with exception of:

PVC cable; PCB (TBBA); Housing; Various plastic parts

#### Further notes and comments:

##### SPECIAL COMPONENTS:

PVC POWER CABLE: 1.5m => +35g / 2.5m => +105g / 5m => +280g

PVC OPT. POTENTIOMETER CABLE: 1.5m => +35g / 2.5m => +105g / 5m => +280g

PVC SWITCHES CABLE: 1.5m => +50g / 2.5m => +150g / 5m => +400g

#### 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.

7173310373 / CM2E4657E

07.07.2022