



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	GLB111.9E/KN(highest fire load repr.) Damper Actuator; 10Nm, 24V, KONNEX module	
	Product line, Product range	Damper Actuator / OpenAirTM	
<b>Process control</b>	Siemens Schweiz AG Building Technologies Division Theilerstrasse 1a CH-6300 Zug		
	Management System	since	by
	ISO 9001 (Quality)	22-July-1986	SQS
	ISO 14001 (Environment)	20-October-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	2.19kWh/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 <small>The total weight of a device may deviate from the total of the weights of all individual components due to rounding.</small>	
	Plastics	POM; low-halogen	Various plastic parts
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
Metals	Steel	Various steel parts	245g
Others	Steel, Copper, Plastics	Motors	83g
	PVC	Cable	113g

**Smart Infrastructure  
Building Products**

PCBAs (Printed Circuit Board  
assembled)

FR4; TBBA; solder SnAgCu

PCBA

6g

## 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](http://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)

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.

Diboron trioxide, CAS-Nr.1303-86-2; Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>), barium salt (1:1), lead-doped, CAS-Nr. 68784-75-8; Lead titanium trioxide, CAS-Nr.12060-00-3; Bisphenol A; BPA, CAS-Nr.80-05-7; 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol, CAS-Nr.119-47-1 ; Cobalt dichloride (CoCl<sub>2</sub>), CAS-Nr.7646-79-9

(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.