SIEMENS

Infrastructure & Cities Sector
Building Technologies

Environmental Product Declaration

Product	Type of equipment / Product No.	SKC32.60	Hydraulic Actuator, Type SKC
		SKC32.60/F	Hydraulic Actuator, Type SKC
		SKC32.61	Hydraulic Actuator, Type SKC
		SKC32.61/F	Hydraulic Actuator, Type SKC
		SKC82.60	Hydraulic Actuator, Type SKC
		SKC82.60U	Hydraulic Actuator, Type SKC
		SKC82.61	Hydraulic Actuator, Type SKC
		SKC82.61U	Hydraulic Actuator, Type SKC
	Product line	Valves and Actuators	

Process control	Infrastructure & Cities Sector Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
	Management System	since	by
	ISO 14001 (Environment)	01.09.2002	SEMKO-DEKRA
	ISO 9001 (Quality)	01.09.2002	SEMKO-DEKRA

Product use	Typical energy consumption	15 … 19kWh/a	
	Maintenance	Maintenance free	
Risk of fire	Fire protection according to	EN 60730-1	
	Fire load	53 … 59MJ	
Packaging	20-PAP Corrugated fiber board	Folded Box	644 … 704g
	22-PAP paper	Printed Paper	21 … 39g
	Notes on disposal	recyclable	
Materials	Total weight of device		9'596 … 10'234g

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Plastics	ABS	153 … 194g
	Flour Rubber FPM	
	NBR	39g
	PA	157 … 158g
	PBT	18 … 30g
	ABS+PC	81 … 201g
	POM	34g
Metals	Al	6 … 11g
	Al alloy	2'915 … 3'227g
	Cu	136 … 197g
	Cu alloy	

	Steel		436 … 452g
	Steel <=5% alloyed		4'548 … 4'678g
	Steel >5% alloyed		148 … 151g
	Zn / Zn alloy		10g
Others	Mineral oil	Hydraulic Fluid	872g
	Housing: PA6, Spring: steel, Insert: brass, Scre	Terminal	13g
		Microswitch	2g
	Wire: copper, Insulation :ETFE	Cable / Wire	12 … 15g

Disposal

The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (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 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:
Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials
Cd: <0.01% by weight in homogeneous materials

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:
Cables; Insulation tubing

Environmental benefits

The actuator reduces consumption of energy due to switch off in end position. **
** Not valid for the U.S. Market

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.

Infrastructure & Cities Sector 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.