



Environmental Product Declaration

Product	Type of equipment / Product No.	SKD32.21E	Hydraulic Actuator, Type SKD	
		SKD32.50E	Hydraulic Actuator, Type SKD	
		SKD62E	Hydraulic Actuator, Type SKD	
	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	10 ... 12kWh/a		
	Maintenance	Maintenance free		
Risk of fire	Fire protection according to	EN 60730-1		
	Fire load	26 ... 27MJ		
Packaging	20-PAP Corrugated fiber board	Folded Box	166g	
	22-PAP paper	Printed Paper	13 ... 17g	
	Notes on disposal	recyclable		
Materials	Total weight of device	3'590 ... 3'653g		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
Plastics	ABS	6g		
	Flour Rubber FPM	0 ... 12g		
	NBR	0 ... 10g		
	PA	59 ... 61g		
	PBT	15 ... 27g		
	ABS+PC	309 ... 316g		
	POM	44 ... 45g		
	Metals	Al	178g	
		Al alloy	939g	
		Cu	79 ... 99g	
Cu alloy		4 ... 7g		
Steel		956 ... 957g		
	Steel <=5% alloyed	622 ... 674g		
	Steel >5% alloyed	54 ... 55g		
Others	Mineral oil	Hydraulic Fluid	262g	
	Housing: PA6, Spring: steel, Insert: brass, Screw: steel	Terminal	0 ... 13g	
		Microswitch	0 ... 2g	
	Wire: copper, Insulation :ETFE	Cable / Wire	6 ... 9g	
PCBAs (Printed Circuit Board assembled)	FR4; halogenated	FR4 105x60 mm	0 ... 48g	

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 to. 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; PCBA

Environmental benefits

The actuator reduces consumption of energy due to switch off in end position.

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.