



Environmental Product Declaration

Product	Type of equipment	SQL36..	
	Designation	Rotary actuators	
	Product line	Acvatix™, Valves & Actuators	
Process control	Siemens Schweiz AG Building Technologies Division Gubelstrasse 22, CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	20. Oct. 1998	SQS
	ISO 9001 (quality)	22. Jul. 1986	SQS
Product use	Typical energy consumption per year	SQL36E50..	appr. 21.9 kWh/a at 10 % duty cycle
		SQL36E65	appr. 140.2 kWh/a at 10 % duty cycle
		SQL36E110	appr. 205.9 kWh/a at
		SQL36E160	10 % duty cycle
	Maintenance	Maintenance free	
Environmental benefits	RoHS compliant		
Risk of fire	Fire load	SQL36E50..	5,8 MJ
		SQL36E65	7,1 MJ
		SQL36E110	9,7 MJ
		SQL36E160	6,4 MJ

Packaging

SQL36E50..

Cardboard [g]	460
Printed paper [g]	3

SQL36E65

Cardboard [g]	698
Printed paper [g]	3

SQL36E110

Cardboard [g]	1031
Printed paper [g]	3

SQL36E160

Cardboard [g]	1850
Printed paper [g]	3

Notes on disposal

One-way, recyclable

Materials

		SQL36E50F04	Total weight of device *	4500 g
Plastics			PA 6.6 30 %	60 g
			Macrolon 2407	35 g
			NBR 70	75 g
Metals			EN AC 46200 (AlSi9Cu3)	3068 g
			16MnCrS17, Cu	850 g
			X14CrMoS17	126 g
Others	Lubrication		Kayo LZR 2	50 g
PCB assembled			P-E50-WS	108 g

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

Materials

		SQL36E50F05	Total weight of device *	4500 g
Plastics			PA 6.6 30 %	60 g
			Macrolon 2407	35 g
			NBR 70	75 g
Metals			EN AC 46200 (AlSi9Cu3)	3068 g
			16MnCrS17, Cu	850 g
			X14CrMoS17	126 g
Others	Lubrication		Kayo LZR 2	50 g
PCB assembled			P-E50-WS	108 g

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

Materials		SQL36E65	Total weight of device *	7000 g
Plastics			PA 6.6 30 %	60 g
			Macrolon 2407	35 g
			NBR 70	95 g
Metals			EN AC 46200 (AlSi9Cu3)	3950 g
			16MnCrS17, Cu	1230 g
			X14CrMoS17	126 g
Others	Lubrication		Kayo LZR 2	85 g
PCB assembled			P-E71-WS-I	170 g

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

Materials		SQL36E110	Total weight of device *	14000 g
Plastics			PA 6.6 30 %	120 g
			Macrolon 2407	35 g
			NBR 70	100 g
Metals			EN AC 46200 (AlSi9Cu3)	6300 g
			16MnCrS17, Cu	2450 g
			X14CrMoS17	444 g
Others	Lubrication		Kayo LZR 2	120 g
PCB assembled			P-E71-WS-II	212 g

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

Materials		SQL36E160	Total weight of device *	25000 g
Plastics			Macrolon 2407	35 g
			NBR 70	130 g
			EN AC 46200 (AlSi9Cu3)	9600 g
Metals			16MnCrS17, Cu	3150 g
			X14CrMoS17	392 g
			Kayo LZR 2	180 g
Others	Lubrication		P-E71-WS-II	212 g
PCB assembled				

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

Disposal

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible.

Observe all local and applicable laws.

Comments

Materials:

Environmental Benefits:

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

The rotary actuators are free of substances banned by the directive 2002/95/EC (RoHS).

Legal disclaimer: This declaration is for information purposes 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.

