



## *Environmental Product Declaration*

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

**Packaging**

**SQL36E50..**

Cardboard [g]	<b>460</b>
Printed paper [g]	<b>3</b>

**SQL36E65**

Cardboard [g]	<b>698</b>
Printed paper [g]	<b>3</b>

**SQL36E110**

Cardboard [g]	<b>1031</b>
Printed paper [g]	<b>3</b>

**SQL36E160**

Cardboard [g]	<b>1850</b>
Printed paper [g]	<b>3</b>

Notes on disposal

**One-way, recyclable**

**Materials**

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

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

**Materials**

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

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

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

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

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

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

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

\* 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.

