



Environmental Product Declaration

Product	Type of equipment / Product No.		SQL341E.../SQL361E...	
	Designation		Rotary Actuator	
	Product line, product range Valve and actuator			
Process control	Beijing Siemens Cerberus Electronic Ltd. Building Technologies Divison No.1 Fengzhi East Road, Xi Bei Wang, HaiDian District, Beijing 100094, China			
	Management System		since	by
	ISO 9001 (Quality)		06.01.2001	LPCB
	ISO 14001 (Environment)		05.07.2005	SGS
Environmentally compatible product design	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".			
Product use	Typical energy consumption		variant *) see below	
	Maintenance		Not necessary	
Risk of fire	Fire protection according to		EN 60730-1	
	Fire load		variant *) see below	
Packaging	22-PAP Paper		Packing box	0 ... 197g
	Notes on disposal		recyclable	
Materials	Total weight of device			0 ... 1,169g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
Plastics	POM; GF 0%	Gears, Connector		0 ... 16g
	ABS	Cover, Housing		0 ... 240g
	POM; GF 40%	Angle adjustment indicator		0 ... 9g
	VMQ Silicone rubber; GF 30%	Gasket ring		0 ... 6g
Metals	Steel; powder-coated	Gear,output shaft		0 ... 359g
	Sn / Sn alloy	Upper plate, below plate		0 ... 98g
	Steel	Shaft holder,gear shaft,shore		0 ... 2g
	Cu	Gear		0 ... 4g
Others	Synthetic hydrocarbon oil plus solid lubricants		Grease	0 ... 5g
	Ethyl Cyanoacrylate		Glue	0 ... 1g

Building Parts

	PVC/Cu	Cable	0 ... 280g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnPb	main PCB	0 ... 142g
Special components (part of the assembled PCB)	PCB > 10 cm²	FR4	0 ... 1pcs

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

*Variant parts list

[g]	SQL341E25	SQL341E40	SQL341E100	SQL341E400	SQL341E1200	SQL361E25	SQL361E40	SQL361E100	SQL361E400	SQL361E1200		
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Typical energy consumption

[kWh/a]	395	395	798	1,700	3,417	395	395	798	1,700	3,417		
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Disposal

The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

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)

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. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(Status according to the creation date of this document.)

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. Beijing Siemens Cerberus Electronic Ltd. 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.