



Environmental Product Declaration

Product	Type of equipment / Product No.	S55174-A214	STA161.65L10 NC, 6.5mm, 24V AC, Modulating, VA80, 1m cable, no position feedback; APV	
		S55174-A215	STP161.65L10 NO, 6.5mm, 24V AC, Modulating, VA80, 1m cable, no position feedback; APV	
		S55174-A216	STA162.65L10 NC, 6.5mm, 24V AC/DC, Modulating, VA80, 1m cable, with feedback; APO	
		S55174-A217	STP162.65L10 NO, 6.5mm, 24V AC/DC, Modulating, VA80, 1m cable, with feedback; APO	
		S55174-A222	STA161.40L10 NC, 4mm, 24V AC, Modulating, VA80, 1m cable	
		S55174-A223	STP161.40L10 NO, 4mm, 24V AC, Modulating, VA80, 1m cable	
		Product line, Product range	STA / STP modulating connector pre-cabled	
Process control	Siemens Switzerland Ltd. Theilerstrasse 1 6300, Zug / Switzerland			
	Management System	since	by	
	ISO 9001	22-July-1986	SQS	
	ISO 14001	20-October-1998	SQS	
	OHSAS 18001	01-January-2011	SQS	
	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	2MJ		
Packaging	21-PAP Non-corrugated fibreboard	Folded box	variant	
	22-PAP Paper	Instruction	variant	
Materials	Total weight of device	variant *) see below		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
Plastics	PVC soft; halogenated	Connection cable jacket	10.8g	
	PA6 - GF10 GB20; GF+GB 30%; low-halogen	Stroke display	variant	
	PUR; low-halogen	Casting compound	2.4g	
	VMQ Silicone rubber; low-halogen	Gel disk	0.2g	
	POM; GF 26%; low-halogen	Locking	0.8g	
	PES; low-halogen	Lower part	variant	
	ABS; low-halogen	Connector (solid component)	0.9g	
	PA; low-halogen	Connector (soft component)	1.6g	
	PA6 - GF10 GB20; GF+GB 30%; low-halogen	Housing 6.5mm	variant	

	PA6 - GF10 GB20; GF+GB 30%; low-halogen	Housing standard 4mm	variant
	PA6 - GF10 GB20; GF+GB 30%; low-halogen	Cover stroke display	1.5g
	PA66; GF 50%; low-halogen	Basic body 6.5mm	variant
	PA66; GF 50%; low-halogen	Basic body 4mm	variant
	PA66; GB 50%; low-halogen	Top part	3.3g
	PA6 - GF10 GB20; GF+GB 30%; low-halogen	Plunger	variant
	PA6 - GF10 GB20; GF+GB 30%; low-halogen	Plunger NO & NC	variant
	PA6 - GF10 GB20; GF+GB 30%; low-halogen	Adapter VA 80	8.2g
	PA6 - GF10 GB20; GF+GB 30%; low-halogen	DDC rucksack housing	6.3g
	POM; GF 30%; low-halogen	Magnet holder	0.6g
	PA66; GF 30%; low-halogen	DSE disk NO	variant
	ABS+PC; low-halogen	PTC cover	0.8g
Metals	Cu	Connection cable	11.9g
	CuZn	Connection cable (ferrule)	0.3g
	Steel stainless	FO spring, compression spring	variant
	CuZn	Cutting contacts PTC cover	0.2g
	CuZn37	Connection cable pins	0.2g
	FeNdB	Magnet	0.4g
	Steel stainless	Compression spring NO	variant
Others	Ceramic silver-coated	PTC	0.9g
	CuZn39 Pb3, NBR, Wax	Expansion element	14.5g
PCBAs (Printed Circuit Board assembled)	FR4; solder SnAgCu	DDC MR Sensor LP	4.0g
Special components (part of the assembled PCB)	Set of insulated stranded wires	Cu/PVC soft	1pcs

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

*Variant parts list

	[g]	S55174-A214	S55174-A215	S55174-A216	S55174-A217	S55174-A222	S55174-A223
Total weight of device		125.8	125.8	125.8	125.8	119.8	120.7
Stroke display		4.1	4.1	4.1	4.1	3.0	3.0
Lower part		5.6	5.6	5.6	5.6	4.3	4.3
Housing 6.5mm		20.2	20.2	20.2	20.2		
Housing standard 4mm						17.7	17.7
Basic body 6.5mm		11.0	11.0	11.0	11.0		
Basic body 4mm						9.9	11.0
Plunger		0.5	0.5	0.5	0.5		
Plunger NO & NC						0.5	0.5
DSE disk NO							0.2
FO spring, compression spring		15.3	15.3	15.3	15.3	15.3	14.8
Compression spring NO							0.2

Typical energy consumption

[kWh/a]	3.9	3.9	3.9	3.9	3.6	3.6
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Packaging

Folded box	[g]	14.0	14.0	14.0	14.0	13.9	13.9
Instruction		1.0	1.0	1.0	1.0	1.3	1.3

Disposal



The symbol or any other national label indicates the product, its packaging and where applicable, any removed batteries may not be disposed as part of normal waste. Delete any personal data and dispose of the item via separate collection and recycling facilities in accordance with local and national regulations. For additional details, refer to www.siemens.com/bt/disposal.

For country-specific requirements regarding further disposal information:
<http://www.siemens.com/download?A6V13734633>

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)

The device contains the following 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, including those which will become known at a later date, are listed on the delivery note.

Lead, CAS-Nr.7439-92-1

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

The device is low-halogen with exception of:

Connection cable jacket

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.

Siemens Switzerland 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.

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