SIEMENS

Smart Infrastructure
Building Products

EPD - Type II
Based on ISO 14021

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
Product line, Product range	STA / STP modulating connector pre-cabled	

Process control

Siemens Switzerland Ltd.
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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	3.9kWh/a
Maintenance	Not necessary

Risk of fire

Fire protection according to	EN 60730-1
Fire load	2MJ

Packaging

21-PAP Non-corrugated fibreboard	Folded box	14.0g
22-PAP Paper	Instruction	1.0g

Materials

Total weight of device 127.0g

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 6.5mm 4.1g
	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 5.7g
	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 20.3g
	PA6 - GF10 GB20; GF+GB 30%; low-halogen	Cover stroke display 1.5g
	PA66; GF 50%; low-halogen	Basic body 6.5mm 11.0g
	PA66; GB 50%; low-halogen	Top part 3.3g
	PA6 - GF10 GB20; GF+GB 30%; low-halogen	Plunger 0.6g

	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
	ABS+PC; low-halogen	Magnet holder	0.8g
Metals	Cu	Connection cable	11.9g
	CuZn	Connection cable (ferrule)	0.3g
	Steel stainless	FO spring, compression spring	15.3g
	CuZn	Cutting contacts PTC cover	0.2g
	CuZn37	Connection cable pins	0.2g
	FeNdB	Magnet	0.4g
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	5.2g
Special components (part of the assembled PCB)	Set of insulated stranded wires H03 VK 0,75mm²	Cu/PVC soft	1pcs

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

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:
PVC cable

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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