



Environmental Product Declaration

Product	Type of equipment / Product No.	S55174-A218	STA321.40L10 NC, 4mm, 230V AC, on/off, 1m cable, VA80	
		S55174-A219	STA121.40L10 NC, 4mm, 24V AC/DC, on/off, 1m cable, VA80	
		S55174-A220	STP321.40L10 NO, 4mm, 230V AC, on/off, 1m cable, VA80	
		S55174-A221	STP121.40L10 NO, 4mm, 24V AC/DC, on/off, 1m cable VA80	
		S55174-A224	STA326.40L10 NC, 4mm, 230V AC, on/off, auxiliary switches, VA80	
		S55174-A225	STA126.40L10 NC, 4mm, 24V AC/DC, on/off, auxiliary switches, VA80	
		Product line, Product range	STA / STP 4mm 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	1.76kWh/a		
	Maintenance	Not necessary		
Risk of fire	Fire protection according to	EN 60730-1		
	Fire load	variant *) see below		
Packaging	21-PAP Non-corrugated fibreboard	Folded box	16.0g	
	22-PAP Paper	Instruction	1.3g	
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	variant	
	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Stroke display 4mm	3.1g	
	PUR; low-halogen	Casting compound	1.1g	
	VMQ Silicone rubber; low-halogen	Gel disk	0.2g	
	POM; GF 26%; low-halogen	Locking	0.8g	
	PES; low-halogen	Lower part	4.6g	
	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Housing standard 4mm	variant	
	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Housing auxiliary switch 4mm	variant	
	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Cover stroke display	1.5g	
	PA66; GB 50%; low-halogen	Top part	3.3g	
	PA66; GF 50%; low-halogen	Basic body 4mm	variant	
	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Plunger NO & NC	0.9g	
	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Adapter VA 80	8.2g	
	ABS+PC; low-halogen	PTC cover	0.8g	
	PA66; GF 30%; low-halogen	DSE disk NO	variant	
		PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Switch-Holder	variant

Smart Infrastructure
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Metals

Cu	Connection cable (Cu)	variant
CuZn	Connection cable (CuZn)	variant
Steel stainless	FO spring, compression spring	variant
CuZn	Cutting contacts PTC cover	0.2g
Steel stainless	Compression spring NO	variant
Others	PTC	0.9g
Keramik versilbert	Expansion element	14.5g
CuZn39 Pb3, NBR, Wax	Auxiliary switch	variant
CuZn10, AgNi10, PBT, PET		

*Variant parts list

	[g]	S55174-A218	S55174-A219	S55174-A220	S55174-A221	S55174-A224	S55174-A225
Total weight of device		110.9	110.9	109.9	109.9	169.5	169.5
Connection cable jacket		18.5	18.5	18.5	18.5	48.4	48.4
Housing standard 4mm		14.2	14.2	14.2	14.2		
Housing auxiliary switch 4mm						17.5	17.5
DSE disk NO				0.2	0.2		
Switch-Holder						3.9	3.9
Connection cable (Cu)		12.8	12.8	12.8	12.8	31.7	31.7
Connection cable (CuZn)		0.3	0.3	0.3	0.3	1.2	1.2
FO spring, compression spring		15.3	15.3	14.8	14.8	15.3	15.3
Compression spring NO				0.2	0.2		
Auxiliary switch						1.7	1.7
Fire load	[MJ]	2	2	2	2	3	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.