



Environmental Product Declaration

Product

Type of equipment / Product No.	S55174-A210	STA321.65/00 NC, 6.5mm, 230V AC, on/off, VA80, no cable
	S55174-A211	STA121.65/00 NC, 6.5mm 24V AC/DC, on/off, VA80, no cable
	S55174-A212	STP321.65/00 NO, 6.5mm, 230V AC on/off, VA80, no cable
	S55174-A213	STP121.65/00 NO, 6.5mm, 24V AC/DC on/off VA80, no cable
	S55845-Z278	ASY21L10 Cable PVC 1m
	S55845-Z279	ASY21L20 Cable PVC 2m
	S55845-Z280	ASY21L50 Cable PVC 5m
	S55845-Z281	ASY21L100 Cable PVC 10m
	S55845-Z282	ASY21L10H Cable HF 1m
	S55845-Z283	ASY21L50H Cable HF 5m
	S55845-Z284	ASY21L100H Cable HF 10m
Product line, Product range	STA / STP 6.5mm connector	

Process control

Siemens Switzerland Ltd.
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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	variant *) see below

Packaging

21-PAP Non-corrugated fibreboard	Folded box	variant
22-PAP Paper	Instruction	variant
4-LDPE Low density polyethylene	Bag	variant

Materials

Total weight of device	variant *) see below
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The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Plastics	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Stroke display 6,5mm	variant
	PUR; low-halogen	Casting compound	variant
	VMQ Silicone rubber; low-halogen	Gel disk	variant
	POM; GF 26%; low-halogen	Locking	variant
	PES; low-halogen	Lower part	variant

Metals	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Housing connector 6,5mm	variant
	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Cover stroke display	variant
	PA66; GB 50%; low-halogen	Top part	variant
	PA66; GF 50%; low-halogen	Basic body 6,5mm	variant
	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Plunger NO	variant
	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Plunger NC	variant
	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Press Button	variant
	PA6 - GF10 GB20 ; GF + GB 30%; low-halogen	Adapter VA 80	variant
	ABS+PC; low-halogen	PTC cover	variant
	ABS+PC; low-halogen	Plug socket	variant
	PA66; GF 30%; low-halogen	DSE disk NO	variant
	PVC soft; halogenated	Connection cable jacket (PVC)	variant
	TPU; low-halogen	Connection cable jacket (TPU)	variant
	EPDM; low-halogen	O-Ring	variant
	ABS; low-halogen	Connector hard component	variant
	TPS; low-halogen	Connector Soft-Overmoulding	variant
	Steel stainless	FO spring, compression spring	variant
	CuZn	Cutting contacts PTC cover	variant
	Steel stainless	Compression spring NO	variant
	Cu	Connection cable (Cu)	variant
Others	Cu	Connection cable socket	variant
	CuZn	Connector socket	variant
	CuZn	Connector plug	variant
	Ceramic silver-coated	PTC	variant
	CuZn39 Pb3, NBR, Wax	Expansion element	variant

***Variant parts list**

	S55174-A210	S55174-A211	S55174-A212	S55174-A213	S55845-Z278	S55845-Z279	S55845-Z280	S55845-Z281	S55845-Z282	S55845-Z283	S55845-Z284
[g]	107.4	107.4	108.5	108.5	32.9	63.5	155.4	308.5	27.6	128.9	255.5
Total weight of device	107.4	107.4	108.5	108.5	32.9	63.5	155.4	308.5	27.6	128.9	255.5
Stroke display 6,5mm	4.1	4.1	4.1	4.1							
Casting compound	1.3	1.3	1.3	1.3							
Gel disk	0.2	0.2	0.2	0.2							
Locking	0.8	0.8	0.8	0.8							
Lower part	5.2	5.2	5.2	5.2							
Housing connector 6,5mm	17.0	17.0	17.0	17.0							
Cover stroke display	1.5	1.5	1.5	1.5							
Top part	3.2	3.2	3.2	3.2							
Basic body 6,5mm	11.0	11.0	11.0	11.0							
Plunger NO			0.6	0.6							
Plunger NC	0.6	0.6									
Press Button	0.5	0.5	0.5	0.5							
Adapter VA 80	8.2	8.2	8.2	8.2							
PTC cover	0.7	0.7	0.7	0.7							
Plug socket	18.3	18.3	18.3	18.3							
DSE disk NO			1.7	1.7							
Connection cable jacket (PVC)					18.5	37.0	92.5	185.0			
Connection cable jacket (TPU)									13.2	66.0	132.0
O-Ring					0.0	0.0	0.0	0.0	0.0	0.0	0.0
Connector hard component					1.0	1.0	1.0	1.0	1.0	1.0	1.0

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Connector Soft-Overmoulding					0.8	0.8	0.8	0.8	0.8	0.8	0.8	
FO spring, compression spring	15.3	15.3	14.5	14.5								
Cutting contacts PTC cover	0.2	0.2	0.2	0.2								
Compression spring NO			0.2	0.2								
Connection cable (Cu)					12.1	24.2	60.6	121.2	12.1	60.6	121.2	
Connection cable socket	0.4	0.4	0.4	0.4								
Connector socket	3.5	3.5	3.5	3.5								
Connector plug					0.5	0.5	0.5	0.5	0.5	0.5	0.5	
PTC	0.9	0.9	0.9	0.9								
Expansion element	14.5	14.5	14.5	14.5								
Fire load	[MJ]	2	2	2	2	1	1	3	5	1	3	5
Typical energy consumption												
	[kWh/a]	2.2	2.2	2.2	2.2							
Packaging												
Folded box	[g]	13.9	13.9	13.9	13.9							
Instruction		1.3	1.3	1.3	1.3							
Bag						2.2	2.2	3.0	3.0	2.2	3.0	3.0

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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