



Environmental Product Declaration

Product	Type of equipment / Product No.	5SL4106-7	MCB 10kA C6 1pole		
		5SL4206-7	MCB 10kA C6 2pole		
		5SL4306-7	MCB 10kA C6 3pole		
		5SL4406-7	MCB 10kA C6 4pole		
		5SL4163-7	MCB 10kA C63 1pole		
		5SL4263-7	MCB 10kA C63 2pole		
		5SL4363-7	MCB 10kA C63 3pole		
		5SL4463-7	MCB 10kA C63 4pole		
	Product line	5SL3[1-6]**-[6-8]*	MCB 4,5kA	1-4pol /1+N/3+N	0,3-63A
		5SL4[1-6]**-[6-8]*	MCB 10,0kA	1-4pol /1+N/3+N	0,3-63A
	5SL6[1-6]**-[6-8]*	MCB 6,0kA	1-4pol /1+N/3+N	0,3-63A	
Process control	Siemens AG				
	Siemensstraße 10				
	93055 Regensburg / Germany				
	Management System		since	by	
	ISO 9001 (Quality)		15.12.1993	VDE	
	ISO 14001 (Environment)		08.09.1999	VDE	
	OHSAS 18001 (OH&S)		28.06.2011	VDE	
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".				
	Maintenance	Not necessary			
	Fire load	variant *) see below			
Packaging	21-PAP Fiber board				variant
Materials	Total weight of device				143 ... 653g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.				
Plastics	BMC (UP); GF 10%; halogen-free				variant
	PES; GF 20%; halogen-free				variant
	PA66; GF 35%; halogen-free				variant
	PBT; GF 50%; halogen-free				variant
	Vulcanized fibre; halogen-free				variant
	Kapton-foil; halogen-free				variant
	PP; halogen-free				variant

Metals

Steel	variant
Steel CrNi	variant
Cu	variant
Al	variant
AgC3	variant
Bimetal	variant
Cu; silver plated	variant
CuSn	variant

*Variant parts list

	5SL4106-7	5SL4206-7	5SL4306-7	5SL4406-7	5SL4163-7	5SL4263-7	5SL4363-7	5SL4463-7
[g]								
BMC (UP); GF 10%; halogen-free	72	145	217	290	72	145	217	290
PES; GF 20%; halogen-free	1	2	3	4	1	2	3	4
PA66; GF 35%; halogen-free	1	2	2	3	2	4	6	8
PBT; GF 50%; halogen-free	4	7	11	15	4	7	11	15
Vulcanized fibre; halogen-free	0	1	1	1	3	6	9	12
Kapton-foil; halogen-free	0	0	0	0				
PP; halogen-free		0	0	0		0	0	0
Steel	56	112	168	224	55	109	164	218
Steel CrNi	1	2	3	4	1	2	3	4
Cu	6	12	17	23	22	44	65	87
Al	1	2	3	4	1	3	4	6
AgC3	0	0	0	0	0	2	3	0
Bimetal	1	2	3	4	1	3	4	5
Cu; silver plated					1	1	2	3
CuSn		0	0	1		0	0	1
Fire load	[MJ] 2	3	4	6	2	3	5	6
Packaging								
21-PAP Fiber board	[g] 14	16	19	21	14	16	19	21

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. The relevant national legal rules are to be adhered too. 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.

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.

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

The device is halogen-free.

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 AG 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.

##

04.06.2019