



## 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
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### Materials

Total weight of device	143 ... 653g
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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

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
BMC (UP); GF 10%; halogen-fr	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.

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04.06.2019