

MATERIAL DECLARATION SHEET



Material Number	SA-C Breaker		
Product Line	Mini-Breakers		
Compliance Date	January 30, 2017		
RoHS Compliant	Yes	MSL	N/A

No.	Construction Element (subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Cover and Base	PPS Resin	17.30	Polyphenylene sulfide	26125-40-6 25212-74-2	65	22.75	35.0
				Glass fibers	65997-17-3	35	12.25	
2	Cover Plate	Steel	6.52	Iron	7439-89-6	66	8.712	13.2
				Chromium	7440-47-3	17	2.244	
				Nickel	7440-02-0	7	0.924	
3	Arm Terminal	Copper alloy	4.48	Copper	7440-50-8	99.65	8.9685	9.0
				Chromium	7440-47-3	0.25	0.0225	
				Magnesium	7439-95-4	0.10	0.009	
4	Bimetal Disc	Steel	3.36	Iron	7439-89-6	69	4.692	6.8
				Chromium	7440-47-3	2	0.136	
				Nickel	7440-02-0	29	1.972	
5	PTC	PTC	3.00	Barium Titanate	12047-27-7	99.99	6.0994	6.1
				Lead (impurity)	7439-92-1	0.01	0.0006	
6	Arm	Copper alloy	4.95	Copper	7440-50-8	94.64	9.464	10.0
				Titanium	7440-32-6	0.30	0.03	
				Silver	7440-22-4	4.55	0.455	
				Nickel	7440-02-0	0.51	0.051	
7	Base Terminal	Copper alloy	9.86	Copper	7440-50-8	99.23	19.74677	19.9
				Chromium	7440-47-3	0.25	0.04975	
				Magnesium	7439-95-4	0.10	0.0199	
				Silver	7440-22-4	0.20	0.0398	
				Tin	7440-31-5	0.20	0.0398	
				Nickel	7440-02-0	0.02	0.00398	
		Total weight	49.47					

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This Document was updated on: March 6, 2017

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.