





## FPBB RAIL Filters, version with Circuit Breakers

SCHURTER part numbers: 3-103-693 ÷ 3-104-009 (FPBB-Wxxx-xxx.xx)


<b>Type</b>	FPBB RAIL	
<b>Product group</b>	1-Phase AC / DC Filter	
<b>Business unit</b>	EMC components	

Composition part	Material group	Materials	CAS if applicable	Average mass [weight-%]	Sum [%]	Traces		
Plastic parts	Thermoplastic	Polyamide 66	PA66	32131-17-2	39.40	47.75		
		Polybutylene terephthalate	PBT	26062-94-2	4.25			
		Polyethylene terephthalate	PET	25038-59-9	0.30			
		Polyphthalamide	PPA	n/a	2.60			
		Polyurethane	PUR	9009-54-5	1.20			
		Thermoset	Epoxy	EP	n/a	3.90		3.90
		Elastomer	Polydimethylsiloxane	PDMS	63394-02-5	0.80		0.80
	Metal parts		Silver	Ag	7440-22-4	0.15		42.55
			Copper	Cu	7440-50-8	22.60		
			Chromium	Cr	7440-47-3	0.20		
		Iron	Fe	7439-89-6	5.80			
		Nickel	Ni	74540-02-0	0.60			
		Tin	Sn	7440-31-5	1.80			
		Zinc	Zn	7440-66-6	6.00			
		Aluminium	Al	7429-90-5	1.40			
Other parts		Manganese	Mn	7439-96-5	4.00	5.00		
		Glass fiber			5.00		5.00	
Sum in total:						100.00		

Weight range	ca. 125.00g
Fluctuation margin	± 5 g

Part complies with EU RoHS directive: Yes	
Part complies with China RoHS directive: Yes	
Part complies with IEC definition of halogen free products: Yes	

<b>Company</b>	SCHURTER AG	<b>Important remarks:</b> 1) Traces are product parts, substances etc. that are below a percentage of 0.1 % (1000ppm) by weight. Higher limits are accepted if the substance or material is legally regulated (see note no. 2). REACH legislation, annex XVII contains a list of legal restrictions on substances or materials and is available at <a href="http://echa.europa.eu/candidate-list-table">http://echa.europa.eu/candidate-list-table</a> 2) Substances, materials etc. with possible harmful effects on human beings and the environment are listed. 3) There are no risks for human beings and to the environment if products are properly used as designated. This shall not apply to risks caused during procedures for disposal etc. 4) All statements herein are based on our present knowledge. If our products are used properly, there are no risks to human beings and/or the environment. 5)
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<b>Certified Management Systems</b>	ISO 9001 since 1990 ISO 14001 since 1996 OHSAS 18001 since 2005 ISO 50001 since 2014	

	<b>This Product Content Sheet has been established according to Umbrella Specs, an initiative of the German Electrical and Electronic Manufacturer's Association (ZVEI). Reference:</b> <a href="http://www.zvei.org/fachverbaende/electronic_components_and_systems/material_content_data">http://www.zvei.org/fachverbaende/electronic_components_and_systems/material_content_data</a>
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<b>Substance Declaration</b>					<b>PCS FPBB RAIL with Circuit Breaker</b>		
owner	creation date	release date	released by	change order no	rev	page	D10-024-504
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