



EF12 PEM with Filter

SCHURTER Config.-Code EF12-ABTXXXXXC0-000-X111-00-00

Type	EF12	
Product group	Power Entry Modules with filter	
Business unit	Connectors	

Composition part	Material group	Materials	CAS if applicable	Average mass [weight-%]	Sum [%]	Traces	
Plastic parts	Thermoplastic	Polyamide 6	PA6	25038-54-4	1.00	40.70	
		Polyamide 66	PA66	32131-17-2	5.85		
		Polybutylene terephthalate	PBT	26062-94-2	10.15		
		Polycarbonate	PC	25766-59-0	1.00		
		Polyether imide	PEI	61128-46-9	0.60		
		Polyethylene terephthalate	PET	25038-59-9	0.40		
		Polyoxymethylene	POM	30846-29-8	0.70		
		Polypropylene	PP	9003-07-0	0.25		
		Polyurethane	PUR	9009-54-5	20.75		
	Thermoset	Epoxy	EP	n/a	1.15	8.75	
		Unsaturated polyester	UP	n/a	7.60		
Metal parts		Silver	Ag	7440-22-4	0.10	39.10	
		Copper	Cu	7440-50-8	19.95		
		Chromium	Cr	7440-47-3	0.15		
		Iron	Fe	7439-89-6	0.70		
		Nickel	Ni	7440-02-0	0.25		
		Lead	Pb	7439-92-1	0.05		Exemption
		Tin	Sn	7440-31-5	0.15		
		Zinc	Zn	7440-66-6	5.20		
		Aluminium	Al	7429-90-5	12.05		
	Manganese	Mn	7439-96-5	0.50			
Other parts		Barium titanate		12047-27-7	0.15	11.45	
		Quartz		n/a	0.10		
		Ferrite		n/a	10.65		
		Others		n/a	0.55		
Sum in total:					100		


Weight range	ca. 148g
Fluctuation margin	n/a

Part complies with EU RoHS directive: Yes Exemption 6(c) - Copper alloy containing up to 4% lead by weight	
Part complies with China RoHS directive: No	
Part complies with IEC definition of halogen free products: No	

Company	SCHURTER AG	Important remarks: 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). 2) REACH legislation, annex XVII contains a list of legal restrictions on substances or materials and is available at http://echa.europa.eu/candidate-list-table 3) Substances, materials etc. with possible harmful effects on human beings and the environment are
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Substance Declaration					EF12 PEM with Line Filter		
owner	creation date	release date	released by	change order no	rev	page	0104.0243
ammansa	01.12.2017	01.02.2019	ammansa	2016238	E	1 of 2	

Certified Management Systems	ISO 9001 since 1990 ISO 14001 since 1996 OHSAS 18001 since 2005 ISO 50001 since 2014	listed. 4) 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. 5) 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.
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 <p>Zentralverband Elektrotechnik- und Elektronikindustrie e.V. ZVEI</p>	<p>This Product Content Sheet has been established according to Umbrella Specs, an initiative of the German Electrical and Electronic Manufacturer's Association (ZVEI).</p>
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