




**EF12 Power Entry Module with Line Filter**

SCHURTER part numbers EF12.XXXX.XXXX.XX

<b>Package family</b>	EF12 Power Entry Module with Line Filter	
<b>Date</b>	See below	
<b>Version</b>	See below	

Composition part	Material group	Materials	CAS if applicable	Average mass [weight-%] *	Sum [%]	Traces
Socket , CBE-Case		PA66		5.9	49.8	
CBE-Carrier / Lever		UP		8.9		
CBE-Rocker		PC		1.0		
CBE-Rocker-Carrier		POM		0.7		
CBE-Release lever		PSU		0.6		
Cover		PBT		10.5		
Filter Potant		PU		21.1		
Filter-Cover		PA6		1.1		
Metal Parts		Copper (Cu)		19.6	39.2	
		Aluminium (Al)		12.2		
		Zinc (Zn)		4.4		
		Manganese (Mn)		0.5		
		Iron (Fe)		1.7		
		Nickel (Ni)		0.18		
		Chrom (Cr)		0.1		
		Argent (Ag)		0.1		
		Lead (Pb)		0.01		1)
		Cadmium (Cd)		0.01		2)
		Tin (Sn)		0.4		
Choke / Label		Ferrite / Papier		10.8 / 0.2	11.0	
Sum in total:					100.00	

Weight range	146.3 g
Fluctuation margin	N/a

Part complies with RoHS 2002/95/EC (yes/no):	<b>Yes</b>	
1) Lead as alloying element in Cu alloys only; content below 4%		
2) Cadmium in electrical contacts is accepted (Directive 91/338/EWC)		
Part complies with China RoHS (yes/no):	<b>No</b>	

\*) related to package weight; weight in particular, see corresponding *package weight list*  
 \*\*) optional

Not part of package family	N/a
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<b>Company</b>	SCHURTER AG	<b>Important remarks:</b> 1) Traces are product parts, substances etc. that are below a percentage of 0.1 % by weight. Higher limits are accepted if the substance or material is legally regulated (see note no. 2). 2) A list of the (legal) "... restrictions on substances ..." or materials is available at internet address: <a href="http://www.eicta.org/content/Default.asp?PageID=211">http://www.eicta.org/content/Default.asp?PageID=211</a> 3) Substances, materials etc. with possible harmful effects on human beings and the environment are 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.
<b>Address</b>	Werkhofstrasse 8-12 CH-6002 Luzern, Switzerland	
<b>E-mail</b>	<a href="mailto:contact@schurter.ch">contact@schurter.ch</a>	
<b>Internet</b>	<a href="http://www.schurter.com">www.schurter.com</a>	
<b>Certified Management Systems</b>	ISO 9001 since 1990 ISO 14001 since 1996 SA 8000 since 2004 OHSAS 18001 since 2005	



This Product Content Sheet has been established according to **Umbrella Specs**, an initiative of the German Electrical and Electronic Manufacturer's Association (ZVEI). Reference: „Information on Substances and Materials in Products“, [http://www.zvei-be.org/umbrella\\_specs/](http://www.zvei-be.org/umbrella_specs/)

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14.09.2005 08:14:19	WI	26.04.2007	HOA	18734	a	1 von 1