














Product overview chokes

Type	Rated Voltage	Current range 0 25 50 A	Inductance range 0 50 100 mH	Style		Terminals			Features				
				Horizontal	Vertical	SMD	THT	Wire leads	UL, CSA approval	ENEC approval	3D CAD data	PCB library	SPICE library
1-phase current compensated choke													
 DKFS SMD, compact	250 VAC	0.4 - 4 A	0.5 - 39 mH	•	•	•				•	•	•	•
 DKFP wide range	250 VAC	0.3 - 10 A	0.5 - 100 mH	•	•		•			•	•	•	•
 DFKH high design	440 VAC	0.6 - 6.3 A	0.6 - 50 mH		•		•			•	•	•	•
 DFKF flat design	440 VAC	0.4 - 6.3 A	0.6 - 40 mH	•			•			•	•	•	•
 DKIH-1 nanocrystalline versions	300 VAC 425 VDC	10 - 50 A	0.15 - 6.9 mH	•			•			•	•	•	•
 DFK fully potted	440 VAC	0.5 - 15 A	1 - 20 mH	•			•	•		•	•	•	•
 DKLP-1 high inductance	540 VAC 760 VDC	4 - 20 A	14 - 60 mH	•			•			•	•	•	•
 DKIP-1 fully potted	540 VAC 760 VDC	10 - 50 A	1.1 - 12 mH	•			•			•	•	•	•
3-phase current compensated choke													
 DKIH-3 nanocrystalline versions	600 VAC	10 - 50 A	0.08 - 10.8 mH	•			•			•	•	•	•
 DKIH-4 nanocrystalline versions	600 VAC	10 - 40 A	0.75 - 6.5 mH	•			•			•	•	•	•
 DKLL-3 high inductance	540 VAC 760 VDC	3 - 8 A	4 - 50 mH	•			•			•	•	•	•
 DKLP-3 high inductance	540 VAC 760 VDC	3 - 16 A	4 - 50 mH	•			•			•	•	•	•
 DKIP-3 fully potted	540 VAC 760 VDC	10 - 50 A	0.6 - 5 mH	•			•			•	•	•	•
Linear choke													
 DLNP compact	600 VDC	0.6 - 1 A	0.05 - 0.1 mH		•		•			•	•	•	•
 DLH high design	600 VDC	0.45 - 7 A	0.02 - 5.5 mH		•		•			•	•	•	•
 DLF flat design	600 VDC	0.45 - 7 A	0.015 - 3 mH	•			•			•	•	•	•
 DLO open version	600 VDC	0.45 - 7 A	0.02 - 5 mH		•		•			•	•	•	•

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		0	25	50 A	0	50	100 mH	Horizontal	Vertical	SMD	THT	Wire leads	UL, CSA approval	ENEC approval	3D CAD data	PCB library	SPICE library	
Storage choke																		
	DSHP compact	600 VDC	0.6 - 1 A			0.04 - 0.1 mH				•		•						•
	DSF flat design	600 VDC	0.45 - 4.5 A			0.011 - 3.7 mH			•			•						•
	DSH high design	600 VDC	0.45 - 4.5 A			0.01 - 2 mH				•		•						•
	DS fully potted	600 VDC	0.5 - 16 A			0.01 - 1 mH			•			•						•
	DSO open version	600 VDC	0.5 - 16 A			0.01 - 1 mH				•		•						•
Saturating choke																		
	DFSG fully potted	440 VAC	0.8 - 10 A						•			•						•
	DLFP linear/saturation choke	440 VAC	5 - 45 A			0.15 - 1 mH			•			•						•
	DLFL linear/saturation choke	440 VAC	5 - 45 A			0.15 - 1 mH			•			•						•
Ground choke																		
	DEH cylinder core		16 - 25 A			0.02 - 0.04 mH			•			•						•
	DEN fully potted		16 - 25 A			4 mH			•			•						•
	DENO open version		16 - 25 A			2 - 4 mH				•		•						•
Pulse transformer																		
	IT high insulation rating	600 VAC	Turns ratio 1:1, 2:1, 1:1:1			Insulation 3.2 kVAC			•			•						•
	IS high insulation rating	600 VAC	1:1, 2:1, 1:1:1			3.2 kVAC			•		•							•
	IL cost optimized	500 VAC	1:1, 2:1, 1:1:1			2.2 kVAC			•			•						•
	ILR cost optimized	500 VAC	1:1, 2:1, 3:1, 1:1:1			2.2 kVAC			•			•						•
	IX up to 2 W	500 VAC	1:1:1, 3:1:1			2.2 kVAC			•			•						•
Customized winding goods																		
	Windings on customized coilformers																	
	Transformers, transmitter, chokes																	
	Winding on toroids																	

Customized solutions

In addition to its broad product range, SCHURTER also offers measurement services to ensure all customer requirements for EMC compliance. We will also build specific samples and provide you with your individual EMC solution.