

Product overview chokes

					Style		Terminals			Features				
Type	Rated Voltage	Current range	Inductance range	Horizontal	Vertical	SMD	THT	Wire leads	UL, CSA approval	ENEC approval	3D CAD data	PCB library	SPICE library	
		0 25 50 A	0 50 100 mH											
1-phase current compensated choke														
	DKFS SMD, compact	250 VAC	0.4 - 4 A											
	DKFP Wide range	250 VAC	0.3 - 10 A											
	DFKH Vertical design	440 VAC	0.6 - 6.3 A											
	DFKF Flat design	440 VAC	0.4 - 6.3 A											
	DKIH-1 Nanocryst. vers. Evaluation board	300 VAC 425 VDC	10 - 50 A											
	DKIV-1 Nanocryst. vers. Evaluation board	300 VAC 425 VDC	10 - 50 A											
	DKUH-1 Ultrahigh current & high DC voltage	250 VAC 800 VDC	50 - 100 A											
	DKCV-1 Very high inductance	300 VAC 450 VDC	0.5 - 10 A											
	DKIP-1 Fully potted	540 VAC 760 VDC	10 - 50 A											
3-phase current compensated choke														
	DKIH-3 Nanocryst. vers. Evaluation board	600 VAC	10 - 50 A											
	DKIH-4 Nanocrystalline ver- sions	600 VAC	10 - 40 A											
	DKLP-3 High inductance	540 VAC 760 VDC	3 - 16 A											
	DKIP-3 Fully potted	540 VAC 760 VDC	10 - 50 A											
Linear choke														
	DLH High design	600 VDC	0.45 - 7 A											
	DLF Flat design	600 VDC	0.45 - 7 A											

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		0	25	50 A	0	50	100 mH										
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.