
























## Chokes

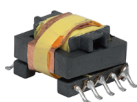
Type	Rated voltage	Current range		Inductance range		Style		Terminals			Features						
		0	25	50 A	0	50	100 mH	Horizontal	Vertical	SMD	THT	Wire leads	UL, CSA approval	ENEC approval	3D CAD data	PCB library	SPICE library
<b>1-phase current compensated choke</b>																	
 <b>DKFS</b> SMD, compact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

# 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
<b>Storage choke</b>												
	<b>DSHP</b> compact	600 VDC	0.6 - 1 A	0.04 - 0.1 mH		•		•			•	
	<b>DSF</b> flat design	600 VDC	0.45 - 4.5 A	0.011 - 3.7 mH	•			•			•	
	<b>DSH</b> tall design	600 VDC	0.45 - 4.5 A	0.01 - 2 mH		•		•			•	
	<b>DS</b> fully potted	600 VDC	0.5 - 16 A	0.01 - 1 mH	•			•			•	
	<b>DSO</b> open version	600 VDC	0.5 - 16 A	0.01 - 1 mH		•		•				
<b>Saturating choke</b>												
	<b>DFSG</b> fully potted	440 VAC	0.8 - 10 A		•			•			•	
	<b>DLFP</b> linear/saturation choke	440 VAC	5 - 45 A	0.15 - 1 mH	•			•			•	
	<b>DLFL</b> linear/saturation choke	440 VAC	5 - 45 A	0.15 - 1 mH	•			•			•	
<b>Ground choke</b>												
	<b>DEH</b> cylinder core		16 - 25 A	0.02 - 0.04 mH	•			•			•	
	<b>DEN</b> fully potted		16 - 25 A	4 mH	•			•			•	
	<b>DENO</b> open version		16 - 25 A	2 - 4 mH		•		•				
<b>Pulse transformer</b>												
	<b>IT</b> high insulation rating	600 VAC	Turns ratio 1:1, 2:1, 1:1:1	Insulation 3.2 kVAC	•			•			•	
	<b>IS</b> high insulation rating	600 VAC	1:1, 2:1, 1:1:1	3.2 kVAC	•			•			•	
	<b>IL</b> cost optimized	500 VAC	1:1, 2:1, 1:1:1	2.2 kVAC	•			•			•	
	<b>ILR</b> cost optimized	500 VAC	1:1, 2:1, 3:1, 1:1:1	2.2 kVAC	•			•			•	
	<b>IX</b> up to 2 W	500 VAC	1:1:1, 3:1:1	2.2 kVAC	•			•			•	
<b>Customized windings</b>												



Windings on customized coil formers



Transformers, transmitter, chokes



Winding on toroids

## Web Information

At [schurter.com](http://schurter.com) you can enter the choke type (e.g. DSF) into the search box and download the data sheets containing all relevant details. [schurter.com/emc](http://schurter.com/emc)

## 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. Please submit your request using the contact form on our website [schurter.com/contact](http://schurter.com/contact).