

Input Voltage (VRMS) ($\pm 10\%$) See Table
 Frequency Range (KHz) See Table
 Output Power 250VA
 Regulation** 4.0 %
 Efficiency** 95%
 Temperature Class 130°C
 Ambient Temperature Range -40°C to +85°C
 Temperature Rise** 5°C

Primary Inductance (mH) Typical: See Table
 Coupling Capacitance (pF) Maximum See Table
 Leakage Inductance** (mH) Nominal See Table
 Dielectric Strength Tested: 8KVrms @60Hz.
 Primary and Shield to all Secondaries
 Partial Discharge (Corona) Tested: 4KVrms @60Hz.
 Primary and Shield to all Secondaries
 BIL Rating: 15KV
 **Approximate values (Contact us for defined limits)

Configuration Number	Schematic	Primary			Secondary	
		Input (Vrms)	Inductance (mH—Typ.)	Frequency Range KHz	Output (Vrms) @Arms	
					Secondary 1	Secondary 2
SM4000-36-18-18	1A/1B	36	3.90	10-50	18.0 @ 6.944	18.0 @ 6.944
SM4000-36-18-0	2A/2B				18.0 @ 13.89	
SM4000-36-18-0	3A/3B				18.0 @ 13.89	
SM4000-48-18-18	1A/1B	48	4.30		18.0 @ 6.944	18.0 @ 6.944
SM4000-48-18-0	2A/2B				18.0 @ 13.89	
SM4000-48-18-0	3A/3B				18.0 @ 13.89	
SM4000-100-18-18	1A/1B	100	4.90		18.0 @ 6.944	18.0 @ 6.944
SM4000-100-18-0	2A/2B				18.0 @ 13.89	
SM4000-100-18-0	3A/3B				18.0 @ 13.89	
SM4000-36-18-18	1A/1B	36	2.20	50-100	18.0 @ 6.944	18.0 @ 6.944
SM4000-36-18-0	2A/2B				18.0 @ 13.89	
SM4000-36-18-0	3A/3B				18.0 @ 13.89	
SM4000-48-18-18	1A/1B	48	2.70		18.0 @ 6.944	18.0 @ 6.944
SM4000-48-18-0	2A/2B				18.0 @ 13.89	
SM4000-48-18-0	3A/3B				18.0 @ 13.89	
SM4000-100-18-18	1A/1B	100	3.50		18.0 @ 6.944	18.0 @ 6.944
SM4000-100-18-0	2A/2B				18.0 @ 13.89	
SM4000-100-18-0	3A/3B				18.0 @ 13.89	
SM4000-36-18-18	1A/1B	36	1.00	100-250	18.0 @ 6.944	18.0 @ 6.944
SM4000-36-18-0	2A/2B				18.0 @ 13.89	
SM4000-36-18-0	3A/3B				18.0 @ 13.89	
SM4000-48-18-18	1A/1B	48	1.50		18.0 @ 6.944	18.0 @ 6.944
SM4000-48-18-0	2A/2B				18.0 @ 13.89	
SM4000-48-18-0	3A/3B				18.0 @ 13.89	
SM4000-100-18-18	1A/1B	100	2.10		18.0 @ 6.944	18.0 @ 6.944
SM4000-100-18-0	2A/2B				18.0 @ 13.89	
SM4000-100-18-0	3A/3B				18.0 @ 13.89	

SM4000 Parasitic Values

Frequency KHz	Voltage RMS	Leakage Inductance μ H (Typ.)	Capacitance pF (Typ.)
10 - 50	36	15	25
	48	25	35
	100	35	50
50 - 100	36	10	20
	48	15	25
	100	20	45
100 - 250	36	5	15
	48	10	20
	100	15	30

