

Input Voltage (VRMS) ($\pm 10\%$) See Table
 Frequency Range (KHz) See Table
 Output Power 150VA
 Regulation** 4.0%
 Efficiency** 95%
 Temperature Class 130°C
 Ambient Temperature Range -40°C to +85°C
 Temperature Rise** 8°C

Primary Inductance (mH) Typical: See Table
 Coupling Capacitance (pF) Maximum See Table
 Leakage Inductance** (mH) Nominal See Table
 Dielectric Strength Tested: 7KVrms @60Hz.
 Primary and Shield to all Secondaries
 Partial Discharge (Corona) Tested: 3.5KVrms @60Hz.
 Primary and Shield to all Secondaries
 BIL Rating: 14KV
 **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
FB3500-36-18-18	1A/1B	36	2.10	10-50	18.0 @ 4.167	18.0 @ 4.167
FB3500-36-18-0	2A/2B				18.0 @ 8.333	
FB3500-36-18-0	3A/3B				18.0 @ 8.333	
FB3500-48-18-18	1A/1B	48	2.20		18.0 @ 4.167	18.0 @ 4.167
FB3500-48-18-0	2A/2B				18.0 @ 8.333	
FB3500-48-18-0	3A/3B				18.0 @ 8.333	
FB3500-100-18-18	1A/1B	100	2.30		18.0 @ 4.167	18.0 @ 4.167
FB3500-100-18-0	2A/2B				18.0 @ 8.333	
FB3500-100-18-0	3A/3B				18.0 @ 8.333	
FB3500-36-18-18	1A/1B	36	0.69	50-100	18.0 @ 4.167	18.0 @ 4.167
FB3500-36-18-0	2A/2B				18.0 @ 8.333	
FB3500-36-18-0	3A/3B				18.0 @ 8.333	
FB3500-48-18-18	1A/1B	48	0.72		18.0 @ 4.167	18.0 @ 4.167
FB3500-48-18-0	2A/2B				18.0 @ 8.333	
FB3500-48-18-0	3A/3B				18.0 @ 8.333	
FB3500-100-18-18	1A/1B	100	0.80		18.0 @ 4.167	18.0 @ 4.167
FB3500-100-18-0	2A/2B				18.0 @ 8.333	
FB3500-100-18-0	3A/3B				18.0 @ 8.333	
FB3500-36-18-18	1A/1B	36	0.35	100-250	18.0 @ 4.167	18.0 @ 4.167
FB3500-36-18-0	2A/2B				18.0 @ 8.333	
FB3500-36-18-0	3A/3B				18.0 @ 8.333	
FB3500-48-18-18	1A/1B	48	0.4		18.0 @ 4.167	18.0 @ 4.167
FB3500-48-18-0	2A/2B				18.0 @ 8.333	
FB3500-48-18-0	3A/3B				18.0 @ 8.333	
FB3500-100-18-18	1A/1B	100	0.45		18.0 @ 4.167	18.0 @ 4.167
FB3500-100-18-0	2A/2B				18.0 @ 8.333	
FB3500-100-18-0	3A/3B				18.0 @ 8.333	

FB3500 Parasitic Values

Frequency KHz	Voltage RMS	Leakage Inductance μH (Typ.)	Capacitance pF (Typ.)
10 - 50	36	5	25
	48	25	35
	100	35	50
50 - 100	36	5	20
	48	7	25
	100	9	45
100 - 250	36	4	15
	48	7	20
	100	9	30

