

Low Voltage - P.C. Board Mount (183 Series)

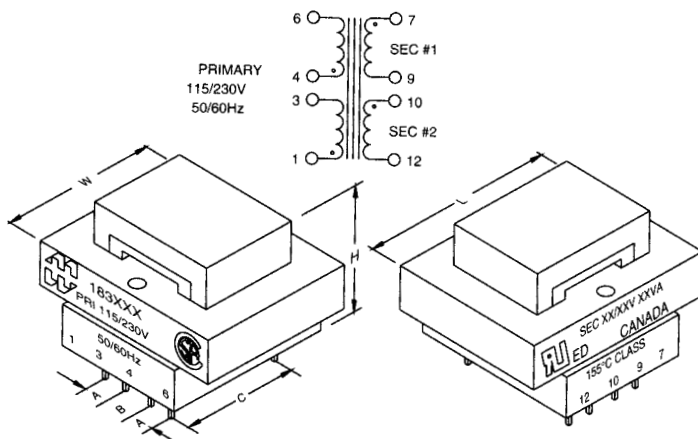
Power



LOW VOLTAGE - P.C. BOARD MOUNT UNIVERSAL

- 14 output voltages to choose from (5 - 36 VAC R.M.S.)
- Six VA size models available from - 2.5 to 56VA
- Universal operation on 50/60 Hz current, 115 or 230V dual primary
- Low profile, split bobbin with top shroud design.
- Dual winding secondaries, non-concentrically wound
- Low primary to secondary coupling - no electrostatic shield required.
- High insulation - Hipot of 4,000V RMS.
- Class F insulation - 155 degrees C.
- Two hole mounting on 2.5, 5, 10 and 20VA sizes, four hole mounting on 30 and 56VA size (mounting screws not provided).
- P.C. board mount with industry standard pin spacing.
- CSA certified (# LR3902) and UL recognized (# E50394).

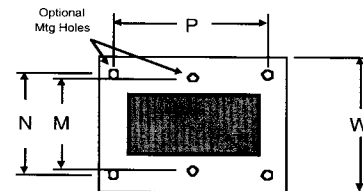
183 Series - Drawing & Schematic



Dimension Table

(VA) Size	Dimensions (Inches)									Pin Size (square)	Mtg. Screw	Lbs.
	L	W	H	A	B	C	M	N	P			
2.5	1 5/8	1 7/16	1 1/8	.20	.25	1.00	1 1/16	--	--	0.025"	#4	0.17
5	1 5/8	1 7/16	1 3/8	.20	.40	1.00	1 1/16	--	--	0.025"	#4	0.37
10	1 7/8	1 9/16	1 3/8	.20	.40	1.14	1 1/4	--	--	0.036"	#4	0.53
20	2 1/4	1 7/8	1 5/8	.40	.40	1.46	1 1/2	--	--	0.036"	#4	0.90
30	2 5/8	2 3/16	1 9/16	.55	.28	1.68	--	1 3/4	2 3/16	0.045"	#6	1.15
56	3	2 1/2	1 13/16	.60	.30	1.90	--	2	2 1/2	0.045"	#6	1.70

Part No. Dual Pri. 115/230V	Size VA	Secondary (RMS)	
		Series	Parallel
183E10	2.5	10V C.T. @ .25A	5V @ .5A
183F10	5	10V C.T. @ .5A	5V @ 1A
183G10	10	10V C.T. @ 1A	5V @ 2A
183H10	20	10V C.T. @ 2A	5V @ 4A
183J10	30	10V C.T. @ 3A	5V @ 6A
183K10	56	10V C.T. @ 5.6A	5V @ 11.2A
183E12	2.5	12.6V C.T. @ .2A	6.3V @ .4A
183F12	5	12.6V C.T. @ .4A	6.3V @ .8A
183G12	10	12.6V C.T. @ .8A	6.3V @ 1.6A
183H12	20	12.6V C.T. @ 1.6A	6.3V @ 3.2A
183J12	30	12.6V C.T. @ 2.4A	6.3V @ 4.8A
183K12	56	12.6V C.T. @ 4.4A	6.3V @ 8.8A
183E16	2.5	16V C.T. @ .15A	8V @ .3A
183F16	5	16V C.T. @ .31A	8V @ .62A
183G16	10	16V C.T. @ .625A	8V @ 1.25A
183H16	20	16V C.T. @ 1.25A	8V @ 2.5A
183J16	30	16V C.T. @ 1.9A	8V @ 3.8A
183K16	56	16V C.T. @ 3.5A	8V @ 7A
183E20	2.5	20V C.T. @ .12A	10V @ .24A
183F20	5	20V C.T. @ .25A	10V @ .5A
183G20	10	20V C.T. @ .5A	10V @ 1A
183H20	20	20V C.T. @ 1A	10V @ 2A
183J20	30	20V C.T. @ 1.5A	10V @ 3A
183K20	56	20V C.T. @ 2.8A	10V @ 5.6A
183E24	2.5	24V C.T. @ .1A	12V @ .2A
183F24	5	24V C.T. @ .21A	12V @ .42A
183G24	10	24V C.T. @ .42A	12V @ .84A
183H24	20	24V C.T. @ .83A	12V @ 1.66A
183J24	30	24V C.T. @ 1.25A	12V @ 2.5A
183K24	56	24V C.T. @ 2.33A	12V @ 4.66A
183E28	2.5	28V C.T. @ .09A	14V @ .18A
183F28	5	28V C.T. @ .18A	14V @ .36A
183G28	10	28V C.T. @ .36A	14V @ .72A
183H28	20	28V C.T. @ .72A	14V @ 1.44A
183J28	30	28V C.T. @ 1.06A	14V @ 2.12A
183K28	56	28V C.T. @ 2A	14V @ 4A
183E36	2.5	36V C.T. @ .07A	18V @ .14A
183F36	5	36V C.T. @ .14A	18V @ .28A
183G36	10	36V C.T. @ .28A	18V @ .56A
183H36	20	36V C.T. @ .56A	18V @ 1.12A
183J36	30	36V C.T. @ .82A	18V @ 1.64A
183K36	56	36V C.T. @ 1.56A	18V @ 3.12A



Mounting Hole Drawing



CANADA

Guelph, Ontario (519) 822-2960
St. Laurent, Quebec (514) 343-9010

USA

Cheektowaga, NY (716) 630-7030

www.hammondmfg.com



EUROPE

Basingstoke, UK 01256 812812

AUSTRALIA

Queenstown, Australia 61-8-8240-2244

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Hammond:

[183J24](#) [183J10](#) [183J12](#) [183J20](#) [183J16](#) [183J28](#) [183F24](#) [183F28](#) [183F20](#) [183H24](#) [183H20](#) [183H28](#) [183H12](#)
[183H10](#) [183H16](#) [183J36](#) [183F36](#) [183F16](#) [183F12](#) [183F10](#) [183K10](#) [183K12](#) [183K36](#) [183K20](#) [183K16](#) [183K28](#)
[183K24](#) [183H36](#) [183E12](#) [183E28](#) [183E36](#) [183E24](#) [183E16](#) [183E20](#) [183E10](#) [183G16](#) [183G36](#) [183G10](#) [183G12](#)
[183G20](#) [183G28](#) [183G24](#) [183F10-BULK](#) [183H16-BULK](#) [183H24-BULK](#) [183G10-BULK](#) [183F28-BULK](#) [183E10-](#)
[BULK](#) [183G24-BULK](#) [183E12-BULK](#) [183G12-BULK](#) [183F24-BULK](#) [183F12-BULK](#) [183H12-BULK](#) [183E16-BULK](#)
[183F36-BULK](#)