

# VDE P.C. MOUNT TRANSFORMERS

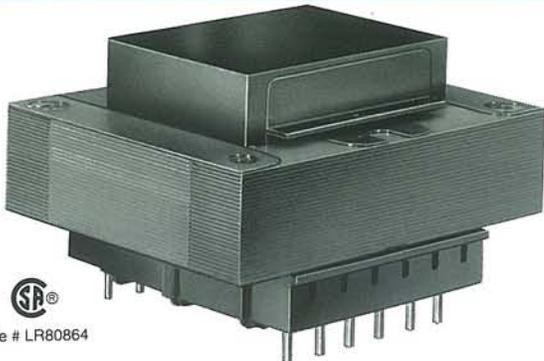
# SERIES 4-44



Recognized Component  
Underwriters Labs, Inc.  
File # E86403



Has passed strict requirements of EN 60742



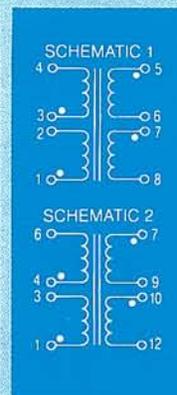
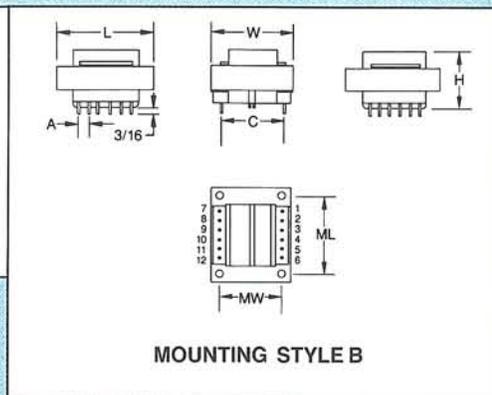
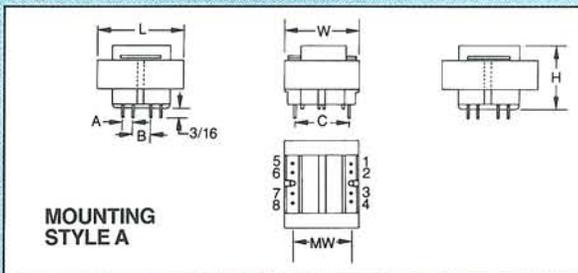
File # LR80864

4,000 Volt RMS Hipot. In a variety of sizes. Maximum operating temperature 130°C. Available with either 115V or dual 115/230V primary.

MCI's split bobbin and non-concentric winding provide better insulation and high signal isolation, thus eliminating the need for electrostatic shielding.

These transformers are designed to pass VDE's strict creepage distance requirements.

Adaptations of standard transformers are also available. Dots on schematics shown below indicate like polarity.



- To determine part number for specific transformer to be ordered:
1. Locate the column, in the table, for the required voltage.
  2. In the voltage column, locate the required current rating.
  3. Moving left from the current rating, find the number indicating required primary—dual 115/230V.
  4. Derive part number by combining digits identifying required primary and digits at top of column giving required voltage.

DIMENSIONS															
Transformer	VA	Schematic	Mounting Style	Mounting			Pin					Screw Size	Maximum Number Terminals	Lbs.	
				L	W	H	A	B	C	Dimensions	MW				ML
4-44-3	2.5	1	A	1-5/8	1-7/16	1-1/8	.200	.250	1.000	.025 sq.	1-1/16	4	8	.25	
4-44-4	5.0	1	A	1-5/8	1-7/16	1-3/8	.200	.400	1.000	.025 sq.	1-1/16	4	8	.37	
4-44-5	10.0	1	A	1-7/8	1-9/16	1-3/8	.200	.400	1.140	.036 sq.	1-1/4	4	8	.53	
4-44-6	20.0	2	A	2-1/4	1-7/8	1-5/8	.400	.400	1.460	.036 sq.	1-1/2	4	12	.90	
4-44-7	30.0	2	B	2-5/8	2-3/16	1-9/16	.275		1.680	.045 sq.	1-3/4	2-3/16	6	12	1.15
4-44-8	56.0	2	B	3	2-1/2	1-13/16	.300		1.900	.045 sq.	2	2-1/2	6	12	1.70

CURRENT RATING (AMPS RMS)								
Last 3 Digits of Part No.	-010	-012	-016	-020	-024	-028	-036	
First 4 Digits:	SERIES CONNECTION				SECONDARY VOLTAGE			
	10V C.T.	12.6V C.T.	16V C.T.	20V C.T.	24V C.T.	28V C.T.	36V C.T.	
4-44-3	.25	.20	.15	.12	.10	.09	.07	
4-44-4	.50	.40	.31	.25	.21	.18	.14	
4-44-5	1.00	.80	.62	.50	.42	.36	.28	
4-44-6	2.00	1.60	1.25	1.00	.83	.72	.56	
4-44-7	3.00	2.40	1.90	1.50	1.25	1.06	.82	
4-44-8	5.60	4.40	3.50	2.80	2.33	2.00	1.56	
First 4 Digits:	PARALLEL CONNECTION				SECONDARY VOLTAGE			
	5V	6.3V	8V	10V	12V	14V	18V	
4-44-3	.50	.40	.30	.24	.20	.18	.14	
4-44-4	1.00	.80	.62	.50	.42	.36	.28	
4-44-5	2.00	1.60	1.25	1.00	.84	.73	.56	
4-44-6	4.00	3.20	2.50	2.00	1.66	1.44	1.12	
4-44-7	6.00	4.80	3.80	3.00	2.50	2.12	1.64	
4-44-8	11.20	8.80	7.00	5.60	4.66	4.00	3.12	