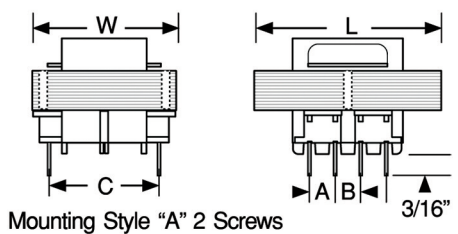


# SERIES

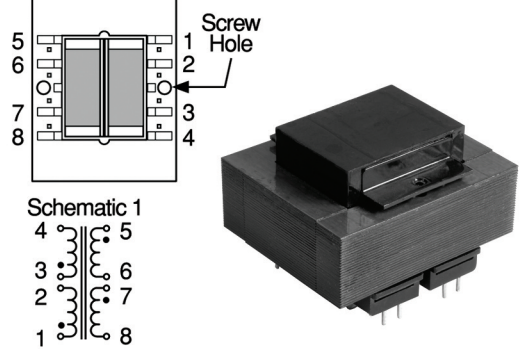
**6443R-6448R**  
**6443-6448**



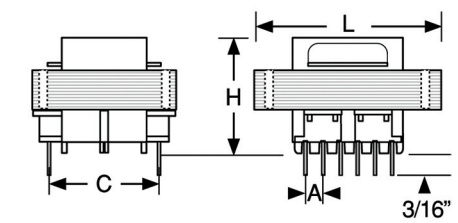
## VDE PC Mount Transformers



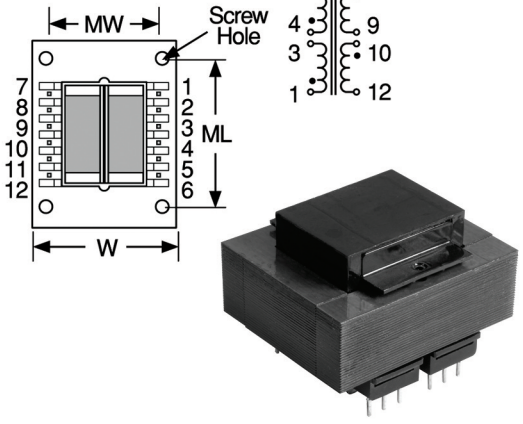
Mounting Style "A" 2 Screws



Schematic 1



Mounting Style "B" 4 Screws



Schematic 2

| PART NUMBER | SECONDARY VOLTAGE | SECONDARY CURRENT | CONNECTION |          | CONNECTION |          | CONNECTION |          | MOUNTING STYLE | SCHEMATIC |
|-------------|-------------------|-------------------|------------|----------|------------|----------|------------|----------|----------------|-----------|
|             | VA                | PRIMARY VOLTAGE   | SERIES     | PARALLEL | SERIES     | PARALLEL | SERIES     | PARALLEL |                |           |
| 6443-010    | 2.5               | 115/230           | 10.0       | 5.0      | 0.250      | 0.50     | 1          | A        |                |           |
| 6443-012    | 2.5               | 115/230           | 12.6       | 6.3      | 0.200      | 0.40     | 1          | A        |                |           |
| 6443-016    | 2.5               | 115/230           | 16.0       | 8.0      | 0.150      | 0.30     | 1          | A        |                |           |
| 6443-020    | 2.5               | 115/230           | 20.0       | 10.0     | 0.120      | 0.24     | 1          | A        |                |           |
| 6443-024    | 2.5               | 115/230           | 24.0       | 12.0     | 0.100      | 0.20     | 1          | A        |                |           |
| 6443-028    | 2.5               | 115/230           | 28.0       | 14.0     | 0.090      | 0.18     | 1          | A        |                |           |
| 6443-036    | 2.5               | 115/230           | 36.0       | 18.0     | 0.070      | 0.14     | 1          | A        |                |           |
| 6444-010    | 5                 | 115/230           | 10.0       | 5.0      | 0.500      | 1.00     | 1          | A        |                |           |
| 6444-012    | 5                 | 115/230           | 12.6       | 6.3      | 0.400      | 0.80     | 1          | A        |                |           |
| 6444-016    | 5                 | 115/230           | 16.0       | 8.0      | 0.310      | 0.62     | 1          | A        |                |           |
| 6444-020    | 5                 | 115/230           | 20.0       | 10.0     | 0.250      | 0.50     | 1          | A        |                |           |
| 6444-024    | 5                 | 115/230           | 24.0       | 12.0     | 0.210      | 0.42     | 1          | A        |                |           |
| 6444-028    | 5                 | 115/230           | 28.0       | 14.0     | 0.180      | 0.36     | 1          | A        |                |           |
| 6444-036    | 5                 | 115/230           | 36.0       | 18.0     | 0.140      | 0.28     | 1          | A        |                |           |
| 6445-010    | 10                | 115/230           | 10.0       | 5.0      | 1.000      | 2.00     | 1          | A        |                |           |
| 6445-012    | 10                | 115/230           | 12.6       | 6.3      | 0.800      | 1.60     | 1          | A        |                |           |
| 6445-016    | 10                | 115/230           | 16.0       | 8.0      | 0.620      | 1.25     | 1          | A        |                |           |
| 6445-020    | 10                | 115/230           | 20.0       | 10.0     | 0.500      | 1.00     | 1          | A        |                |           |
| 6445-024    | 10                | 115/230           | 24.0       | 12.0     | 0.420      | 0.84     | 1          | A        |                |           |
| 6445-028    | 10                | 115/230           | 28.0       | 14.0     | 0.360      | 0.73     | 1          | A        |                |           |
| 6445-036    | 10                | 115/230           | 36.0       | 18.0     | 0.280      | 0.56     | 1          | A        |                |           |
| 6446-010    | 20                | 115/230           | 10.0       | 5.0      | 2.000      | 4.00     | 2          | A        |                |           |
| 6446-012    | 20                | 115/230           | 12.6       | 6.3      | 1.600      | 3.30     | 2          | A        |                |           |
| 6446-016    | 20                | 115/230           | 16.0       | 8.0      | 1.250      | 2.50     | 2          | A        |                |           |
| 6446-020    | 20                | 115/230           | 20.0       | 10.0     | 1.000      | 2.00     | 2          | A        |                |           |
| 6446-024    | 20                | 115/230           | 24.0       | 12.0     | 0.830      | 1.66     | 2          | A        |                |           |
| 6446-028    | 20                | 115/230           | 28.0       | 14.0     | 0.720      | 1.44     | 2          | A        |                |           |
| 6446-036    | 20                | 115/230           | 36.0       | 18.0     | 0.560      | 1.12     | 2          | A        |                |           |
| 6447-010    | 30                | 115/230           | 10.0       | 5.0      | 3.000      | 6.00     | 2          | B        |                |           |
| 6447-012    | 30                | 115/230           | 12.6       | 6.3      | 2.400      | 4.80     | 2          | B        |                |           |
| 6447-016    | 30                | 115/230           | 16.0       | 8.0      | 1.900      | 3.80     | 2          | B        |                |           |
| 6447-020    | 30                | 115/230           | 20.0       | 10.0     | 1.500      | 3.00     | 2          | B        |                |           |
| 6447-024    | 30                | 115/230           | 24.0       | 12.0     | 1.250      | 2.50     | 2          | B        |                |           |
| 6447-028    | 30                | 115/230           | 28.0       | 14.0     | 1.060      | 2.12     | 2          | B        |                |           |
| 6447-036    | 30                | 115/230           | 36.0       | 18.0     | 0.820      | 1.64     | 2          | B        |                |           |
| 6448-010    | 56                | 115/230           | 10.0       | 5.0      | 5.600      | 11.20    | 2          | B        |                |           |
| 6448-012    | 56                | 115/230           | 12.6       | 6.3      | 4.400      | 8.80     | 2          | B        |                |           |
| 6448-016    | 56                | 115/230           | 16.0       | 8.0      | 3.500      | 7.00     | 2          | B        |                |           |
| 6448-020    | 56                | 115/230           | 20.0       | 10.0     | 2.800      | 5.60     | 2          | B        |                |           |
| 6448-024    | 56                | 115/230           | 24.0       | 12.0     | 2.330      | 4.66     | 2          | B        |                |           |
| 6448-028    | 56                | 115/230           | 28.0       | 14.0     | 2.000      | 4.00     | 2          | B        |                |           |
| 6448-036    | 56                | 115/230           | 36.0       | 18.0     | 1.560      | 3.12     | 2          | B        |                |           |

\*Complete part # must include series # PLUS the dash #  
For surface finish information, refer to [www.delevanfinishes.com](http://www.delevanfinishes.com)

**UL Certified** Recognized component Underwriters Labs, Inc®; CSA Labeled

**Primary Voltage** Available in either 115V or dual 115/230V

**Operating Frequency** 50/60 Hz

**Operating Temperature** 130°C  
4000 V RMS Hipot

Split bobbin non-concentric winding  
Designed to pass VDE creepage distance

**Note** Dots on schematic indicate like polarity

| Physical Parameters & Mounting Information |      |       |      |       |      |       |      |       |      |       |      |       |                 |      | Screw size | # Terminals |      |       |      |     |        |    |
|--|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-----------------|------|------------|-------------|------|-------|------|-----|--------|----|
|  | L    |       | W    |       | H    |       | A    |       | B    |       | C    |       | Pin width (sq.) |      |            |             | MW   |       | ML   |     | Weight |    |
|  | in.  | mm    | in.  | mm    | in.  | mm    | in.  | mm    | in.  | mm    | in.  | mm    | in.             | mm   |            |             | in.  | mm    | in.  | mm  | lbs.   | kg |
| 6443                                       | 1.63 | 41.40 | 1.44 | 36.58 | 1.13 | 28.70 | 0.20 | 5.08  | 0.25 | 6.35  | 1.00 | 25.40 | 0.025           | 0.63 | 1.06       | 26.92       | —    | —     | 0.25 | 113 | 4      | 8  |
| 6444                                       | 1.63 | 41.40 | 1.44 | 36.58 | 1.38 | 35.05 | 0.20 | 5.08  | 0.40 | 10.16 | 1.00 | 25.40 | 0.025           | 0.63 | 1.06       | 26.92       | —    | —     | 0.37 | 167 | 4      | 8  |
| 6445                                       | 1.88 | 47.75 | 1.56 | 39.62 | 1.38 | 35.05 | 0.20 | 5.08  | 0.40 | 10.16 | 1.14 | 28.96 | 0.036           | 0.91 | 1.25       | 31.75       | —    | —     | 0.53 | 240 | 4      | 8  |
| 6446                                       | 2.25 | 57.15 | 1.88 | 47.75 | 1.63 | 41.40 | 0.40 | 10.16 | 0.40 | 10.16 | 1.46 | 37.08 | 0.036           | 0.91 | 1.50       | 38.10       | —    | —     | 0.90 | 408 | 4      | 12 |
| 6447                                       | 2.63 | 66.80 | 2.19 | 55.63 | 1.56 | 39.62 | 0.28 | 7.11  | —    | —     | 1.68 | 42.67 | 0.045           | 1.14 | 1.75       | 44.45       | 2.19 | 55.63 | 1.15 | 521 | 6      | 12 |
| 6448                                       | 3.00 | 76.20 | 2.50 | 63.50 | 1.81 | 45.97 | 0.30 | 7.62  | —    | —     | 1.90 | 48.26 | 0.045           | 1.14 | 2.00       | 50.80       | 2.50 | 63.50 | 1.70 | 771 | 6      | 12 |