

# Series 33 - Control Transformers

Series 33 Control Transformers are designed with a NEMA Type 1, indoor type enclosure and are fitted with 8" leads exiting through a ½" chase nipple. Dual mounting provisions are provided for both foot mount or direct knockout mount in point of use applications.

Typical applications include voltage reduction for solenoids, magnetic switches, control valves, as well as many other HVAC applications.

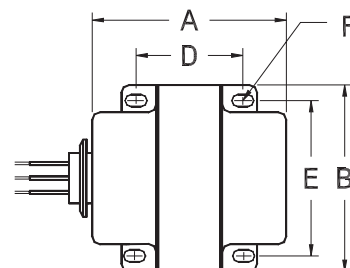
## Features



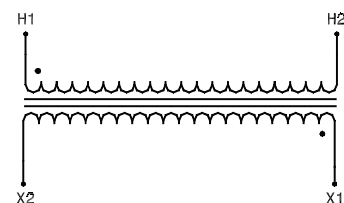
- NEMA Type 1.
- Available with manually resettable circuit breakers.
- Dual mounting capability.

| General Information                                      |                   |             | Capacity        |      | Dimensions  |            |            |          |       |                |
|----------------------------------------------------------|-------------------|-------------|-----------------|------|-------------|------------|------------|----------|-------|----------------|
| kVA<br>Cap.                                              | Catalog<br>Number | Wgt.<br>Lbs | Maximum<br>Amps |      | Height<br>A | Width<br>B | Depth<br>C | Mounting |       | Slot Size<br>F |
|                                                          |                   |             | Pri.            | Sec. |             |            |            | D        | E     |                |
| Primary 240 Volts, Secondary Volts 120, 50 / 60 Hz       |                   |             |                 |      |             |            |            |          |       |                |
| .050                                                     | 33-050-H          | 2.7         | .20             | .41  | 3.19        | 3.00       | 2.50       | 1.69     | 2.50  | .188 x .344    |
| .100                                                     | 33-100-H          | 4           | .41             | .83  | 3.63        | 3.38       | 2.81       | 2.13     | 2.50  | .188 x .375    |
| Primary Volts, 240 x 480, Secondary Volts 24, 50 / 60 Hz |                   |             |                 |      |             |            |            |          |       |                |
| .050                                                     | 33-050-HLK        | 2.7         | .20 / .10       | 2.08 | 3.19        | 3.00       | 2.50       | 1.69     | 2.50  | .188 x .344    |
| .100                                                     | 33-100-HLK        | 4           | .41 / .21       | 4.16 | 3.63        | 3.38       | 2.81       | 2.13     | 2.50  | .188 x .375    |
| Primary Volts 120, Secondary 24, 50 / 60 Hz              |                   |             |                 |      |             |            |            |          |       |                |
| .050                                                     | 33-050-K          | 2.7         | .41             | 2.08 | 3.19        | 3.00       | 2.50       | 1.69     | 2.50  | .188 x .344    |
| .100                                                     | 33-100-K          | 4           | .83             | 4.16 | 3.63        | 3.38       | 2.81       | 2.13     | 2.50  | .188 x .375    |
| Primary Volts 240 x 480, Secondary Volts 120, 50 / 60 Hz |                   |             |                 |      |             |            |            |          |       |                |
| .050                                                     | 33-050-PM         | 2.7         | .20 / .10       | .41  | 3.19        | 3.00       | 2.50       | 1.69     | 2.50  | .188 x .344    |
| .100                                                     | 33-100-PM         | 4           | .41 / .21       | .83  | 3.63        | 3.38       | 2.81       | 2.13     | 2.50  | .188 x .375    |
| .150                                                     | 33-150-PM         | 6           | .62 / .31       | 1.25 | 4.00        | 3.75       | 3.13       | 2.38     | 3.25  | .219 x .375    |
| .250                                                     | 33-250-PM         | 9           | 1.0/.52         | 2.08 | 4.25        | 3.75       | 4.500      | 3.125    | 3.250 | .219 x .438    |
| Primary Volts 208, Secondary Volts, 120, 50 / 60 Hz      |                   |             |                 |      |             |            |            |          |       |                |
| .050                                                     | 33-050-17         | 2.7         | .24             | .41  | 3.19        | 3.00       | 2.50       | 1.69     | 2.50  | .188 x .344    |
| .100                                                     | 33-100-17         | 4           | .48             | .83  | 3.63        | 3.38       | 2.81       | 2.13     | 2.50  | .188 x .375    |
| Primary Volts 208, Secondary Volts 24, 50 / 60 Hz        |                   |             |                 |      |             |            |            |          |       |                |
| .050                                                     | 33-050-18         | 2.7         | .24             | 2.08 | 3.19        | 3.00       | 2.50       | 1.69     | 2.50  | .188 x .344    |
| .100                                                     | 33-100-18         | 4           | .48             | 4.16 | 3.63        | 3.38       | 2.81       | 2.13     | 2.50  | .188 x .375    |
| Primary Volts 277, Secondary Volts 24, 50 / 60 Hz        |                   |             |                 |      |             |            |            |          |       |                |
| .050                                                     | 33-050-26         | 2.7         | .18             | 2.08 | 3.19        | 3.00       | 2.50       | 1.69     | 2.50  | .188 x .344    |
| .100                                                     | 33-100-26         | 4           | .36             | 4.16 | 3.63        | 3.38       | 2.81       | 2.13     | 2.50  | .188 x .375    |
| Primary Volts 277, Secondary Volts 120, 50 / 60 Hz       |                   |             |                 |      |             |            |            |          |       |                |
| .050                                                     | 33-050-82         | 2.7         | .18             | .41  | 3.19        | 3.00       | 2.50       | 1.69     | 2.50  | .188 x .344    |
| .100                                                     | 33-100-82         | 4           | .36             | .83  | 3.63        | 3.38       | 2.81       | 2.13     | 2.50  | .188 x .375    |

Dimensions & weights may change. Consult factory for certified drawings.



SINGLE PRIMARY



DUAL PRIMARY

