

| WINDINGS                           | LOCATION | TERMINATIONS |
|------------------------------------|----------|--------------|
| LOW VOLTAGE                        | FRONT    | PADS*        |
| HIGH VOLTAGE                       | FRONT    | PADS*        |
| GROUND LUG @ THE BASE OF ENCLOSURE |          | 2/0-6 AWG    |

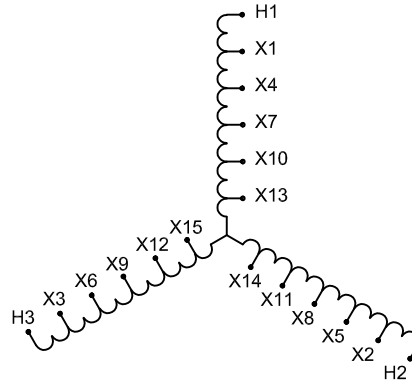
\* NEMA TERMINAL CONNECTOR DIMENSIONS ( CC 1-2009 ANNEX C )

**WIRING CONNECTION:**

| LOW VOLTAGE | % TAPS | CONNECT LINES TO: |
|-------------|--------|-------------------|
| 528         | 110.0  | X1-X2-X3          |
| 504         | 105.0  | X4-X5-X6          |
| 480         | 100.0  | X7-X8-X9          |
| 456         | 95.0   | X10-X11-X12       |
| 432         | 90.0   | X13-X14-X15       |

| HIGH VOLTAGE | CONNECT LOADS TO: |
|--------------|-------------------|
| 600          | H1-H2-H3          |



**TRANSFORMER SPECIFICATION**

- 3 PHASE AUTO - DRY TYPE - ANN SELF COOLED  
- SUITABLE FOR NONSINUSOIDAL CURRENT LOAD  
WITH A K-FACTOR NOT TO EXCEED 35

|                   |                            |
|-------------------|----------------------------|
| COILS:            | COPPER                     |
| CAT. NO.:         | RC300H-J/50/E3R/K35/T115/X |
| kVA:              | 300                        |
| LOW VOLTAGE:      | 480V                       |
| HIGH VOLTAGE:     | 600V                       |
| FREQUENCY:        | 50/60 Hz                   |
| INSULATION CLASS: | 220°C                      |
| TEMPERATURE RISE: | 115°C                      |
| WEIGHT:           | 931 LBS                    |

**STANDARDS:**

- 1.) CSA CERTIFIED
- 2.) UL LISTED

**STANDARD FEATURES:**

- 1.) ANTI-VIBRATION PADS INSTALLED BETWEEN THE ENCLOSURE BASE AND THE CORE & COIL ASSEMBLY
- 2.) LUG FOR EARTH GROUNDING PROVIDED
- 3.) NC 200°C THERMOSTAT INSTALLED AT THE CENTRE COIL
- 4.) SEISMIC RATED FOR USA ZONE 4 AND FOR CANADA ZONE 6

**SPECIAL FEATURES:**

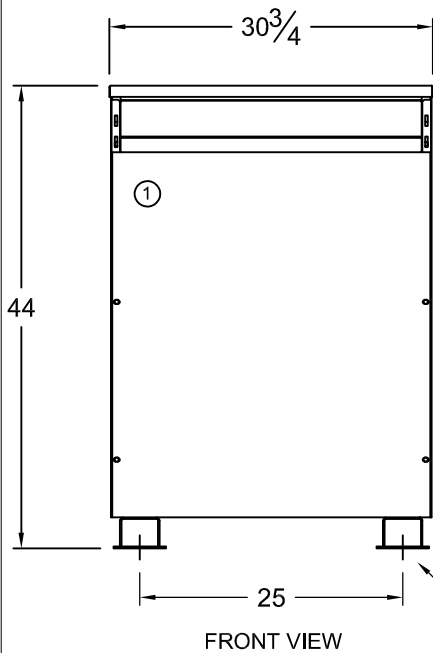
X = ±2 X 5% TAPS ON THE 480V CONNECTION

**CSA ENCLOSURE:**

- 1.) TYPE 3R ( NEMA 3R )
- 2.) VENTILATED
- 3.) ASA 61 GREY
- 4.) FLOOR MOUNTING

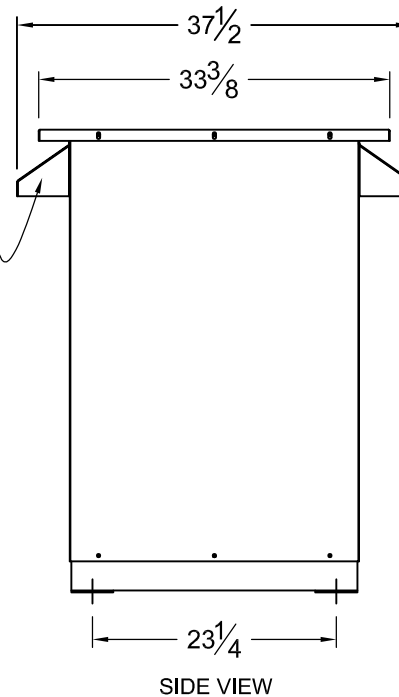
| 600V HGA Watts Loss |       |
|---------------------|-------|
| HGA Rating          | Loss  |
| 260A                | TBD W |

① - REMOVABLE PANELS FOR EASY ACCESS TO TERMINALS



FRONT VIEW

WEATHER SHIELD



SIDE VIEW

4 x Ø5/8 MTG. HOLES

HOLE TOLERANCE ±.005

**Preliminary Drawing ONLY**

This drawing may NOT truly reflect our final design. Any resulting order(s) must be accompanied by or refer to this drawing and be marked with any proposed changes

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| NO | REVISION | DATE | BY  |
|----|----------|------|-----|
| X  | XXXXX    | XXXX | XXX |

| TOLERANCES (EXCEPT AS NOTED) |
|------------------------------|
| DECIMAL                      |
| .XX ± .03                    |
| .XXX ± .010                  |
| FRACTIONAL                   |
| ± 1/32                       |
| ANGULAR                      |
| ± 1°                         |

**TCL**® W132 N10611 Grant Drive  
Germantown, WI 53022  
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XFMR, 300kVA,  
480V Pri, 600V Sec, Type 3R

|        |     |      |         |             |       |
|--------|-----|------|---------|-------------|-------|
| DRN BY | MJS | DATE | 1/27/21 | DWG. NO.    | 32074 |
| SCALE  | 1=1 | SIZE | A       | SHT. 1 OF 1 |       |