

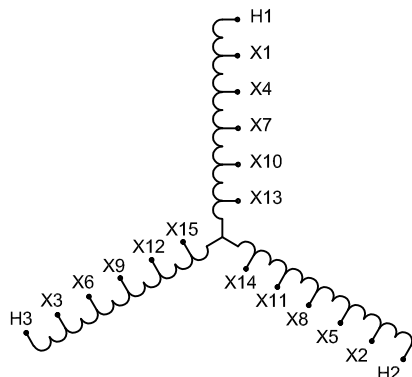
WINDINGS	LOCATION	TERMINATIONS
LOW VOLTAGE	FRONT	PADS*
HIGH VOLTAGE	FRONT	PADS*
GROUND LUG @ THE BASE OF ENCLOSURE		300MCM-6

* 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.:	RC600H-J/50/E3R/K35/T115/X
kVA:	600
LOW VOLTAGE:	480V
HIGH VOLTAGE:	600V
FREQUENCY:	50/60 Hz
INSULATION CLASS:	220°C
TEMPERATURE RISE:	115°C
WEIGHT:	1600 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:

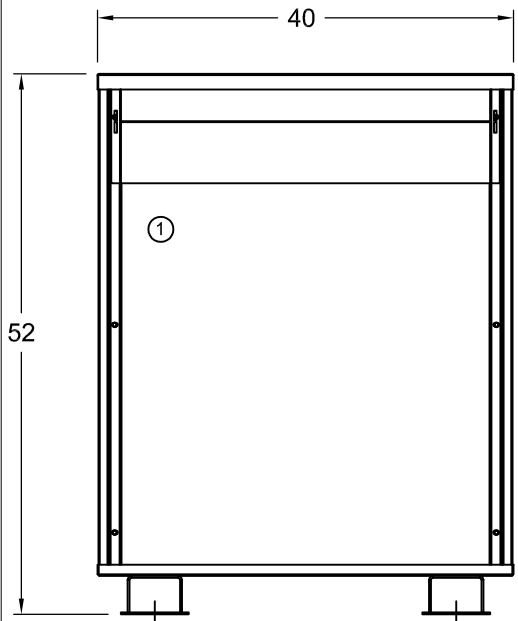
X = ±2 X 5% TAPS ON THE 480V CONNECTION

CSA ENCLOSURE:

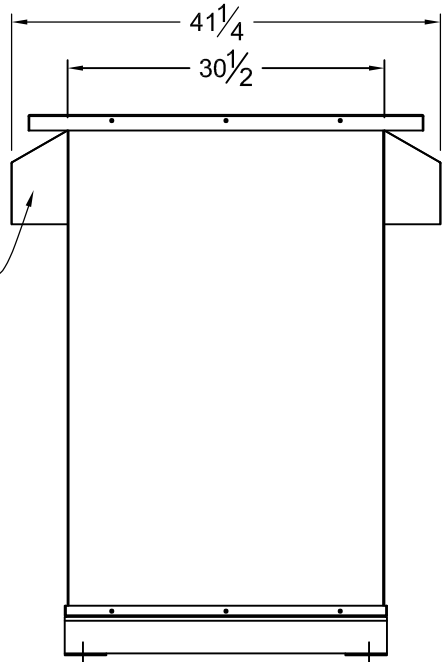
- 1.) TYPE 3R (NEMA 3R)
- 2.) VENTILATED
- 3.) ASA 61 GREY
- 4.) FLOOR MOUNTING

600V HGA Watts Loss	
HGA Rating	Loss
450A	TBD W
520A	TBD W

① - REMOVABLE PANELS FOR EASY ACCESS TO TERMINALS



FRONT VIEW



SIDE VIEW

WEATHER SHIELD

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	ANGULAR ± 1°
X	XXXXX	XXXX	XXX	

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

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XFMR, 600kVA,
 480V Pri, 600V Sec, Type 3R

DRN BY	MJS	DATE	1/27/21	DWG. NO.	32076
SCALE	1=1	SIZE	A	SHT. 1 OF 1	