

TERMINATION	LOCATION	ALUMINUM MECHANICAL LUG SIZE	TORQUE
PRIMARY	FRONT	PADS	20 FT. LB
SECONDARY	FRONT	600MCM-2	20 FT. LB

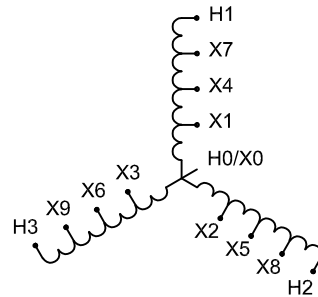
**WIRING CONNECTION:**

**PRIMARY:**

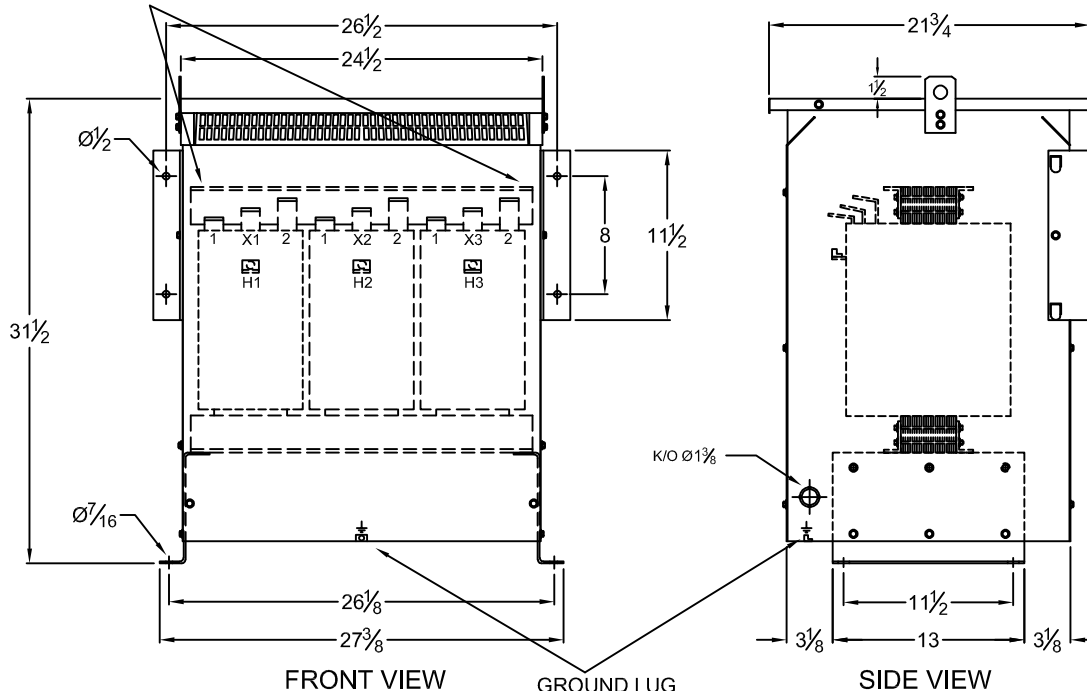
VOLTAGE	% TAPS	CONNECT LINES TO:
480	100.0	X7-X8-X9
456	95.0	X4-X5-X6
432	90.0	X1-X2-X3

**SECONDARY:**

VOLTAGE	CONNECT LOADS TO:
600	H1-H2-H3



LIFT POINTS AT CORNER FOR CORE & COIL



GROUND LUG  
ALUMINUM MECHANICAL  
2-14 AWG LUG TORQUE 7FT.LB

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

COIL:	COPPER
CAT.NO.:	
- CORE & COIL CONSTRUCTION:	RC250H-J/K35/T115/X
- NEMA 3R ENCLOSURE:	RC250H-J/K35/T115/X
KVA:	250
PRIMARY:	480 V
SECONDARY:	600 V
FREQUENCY:	60 HZ
INSULATION CLASS:	220°C
TEMPERATURE RISE:	115°C
IMPEDANCE:	1% MAX.
REGULATION:	1% MAX.
EXCITATION CURRENT:	< 5%
SOUND LEVEL:	50 db MAX.
WEIGHT:	600 LBS

**STANDARDS:**

- 1.) CSA CERTIFIED FILE No. LR34493
- 2.) UL RECOGNIZED

**SPECIAL FEATURES:**

- X = a.) K-35 RATED  
b.) ( 2 ) ±5% F.C. TAPS @ 480 V  
c.) NEUTRAL 200% CAPACITY

600V HGA Watts Loss	
HGA Rating	Loss
185A	1733W
220A	1950W

**CSA ENCLOSURE:**

- TYPE 3R (NEMA 3R)
- SPRINKLERPROOF WHEN THE ANGLE BETWEEN SPRINKLER HEADS AND OPENING IN THE ENCLOSURE DOES NOT EXCEED 45° FROM THE VERTICAL
- VENTILATED
- PAINTED ASA 61 GREY
- FLOOR/WALL MOUNTING

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A	removed unused X0 connection	11/17/14	MJS	TOLERANCES (EXCEPT AS NOTED)
				DECIMAL
				.XX ± .03
				.XXX ± .010
				FRACTIONAL
				± 1/32
				ANGULAR
				± 1°
NO	REVISION	DATE	BY	

**TCI**® W132 N10611 Grant Drive  
Germantown, WI 53022

**XFMR, 250kVA,  
480 V Pri, 600 V Sec, Type 3R**

DRN. BY	MJS	DATE	10/5/16	DWG. NO.	29196
SCALE	1:1	SIZE	A	SHT. 1 OF 1	