

# TRANSFORMER SPECIFICATION

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

WINDINGS	LOCATION	TERMINATIONS
LOW VOLTAGE	FRONT	PADS*
HIGH VOLTAGE	FRONT	PADS*
GROUND LUG		300MCM-6

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

**WIRING CONNECTION:**

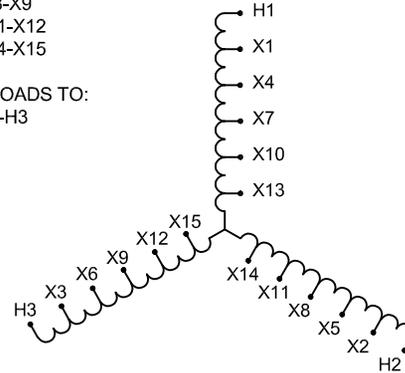
LOW VOLTAGE	% TAPS
528	110.0
504	105.0
480	100.0
456	95.0
432	90.0
HIGH VOLTAGE	
600	

CONNECT LINES TO:

- X1-X2-X3
- X4-X5-X6
- X7-X8-X9
- X10-X11-X12
- X13-X14-X15

CONNECT LOADS TO:

- H1-H2-H3



COILS: COPPER  
 CAT. NO.: RC600H-J/50/C&C/K35/T115/X

kVA: 600  
 LOW VOLTAGE: 480V  
 HIGH VOLTAGE: 600V

FREQUENCY: 50/60 Hz

INSULATION CLASS: 220°C  
 TEMPERATURE RISE: 115°C

WEIGHT: 1400 LBS

**STANDARDS:**

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

**STANDARD FEATURES:**

- 1.) LUG FOR EARTH GROUNDING PROVIDED
- 2.) NC 200°C THERMOSTAT INSTALLED AT THE CENTRE COIL

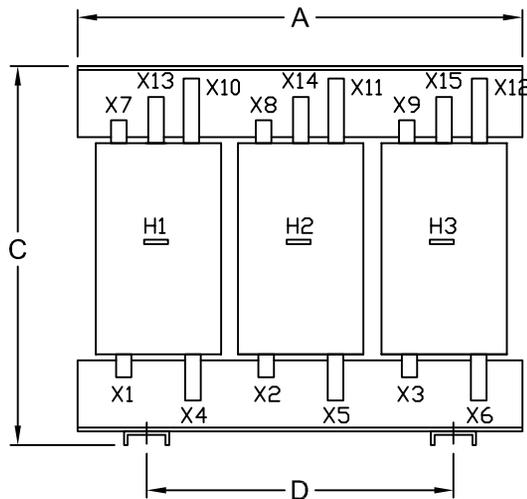
**SPECIAL FEATURES:**

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

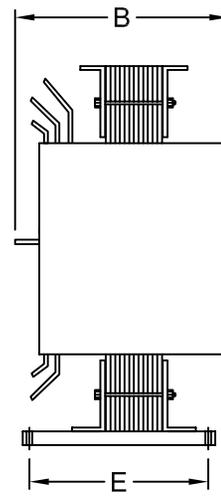
**DESIGN:**

- 1.) OPEN CONSTRUCTION
- 2.) INDOOR APPLICATION
- 3.) FLOOR MOUNTING

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



FRONT VIEW



SIDE VIEW

**DIMENSIONS ( INCHES ):**

A	=	36.0
B	=	18.0
C	=	41.0
D	=	29.0
E	=	19.5

**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	TOLERANCES (EXCEPT AS NOTED)
				DECIMAL
				.XX ± .03
				.XXX ± .010
				FRACTIONAL ± 1/32
X	XXXXX	XXXX	XXX	ANGULAR ± 1°

**TCL**® W132 N10611 Grant Drive  
 Germantown, WI 53022  
 © TCL, 2021  
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XFMR, 600Kva,  
 480 V Pri, 600 v Sec, Open

DRN BY	MJS	DATE	2/5/21	DWG. NO.	32075
SCALE	1=1	SIZE	A	SHT. 1 OF 1	