Three Phase 480 – 240/120 CT

MGM TRANSFORMERS BY FORGENT
3430 E. 26TH STREET, VERNON, CA 90056 • TEL (213)726-0888 • FAX (213)726-8224

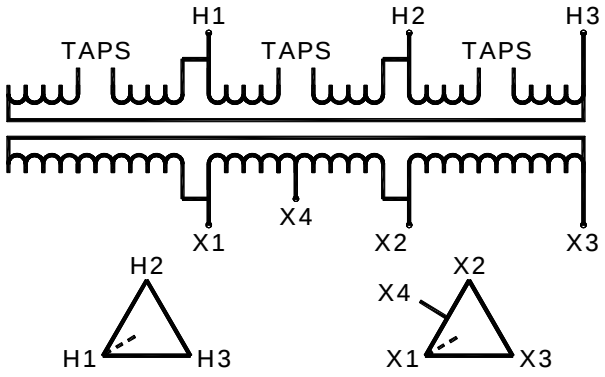
XX **KVA** 3 **PHASE** 60 **HZ** **TYPE** HT

VOLTAGE **480** - **240/120 C.T.**

INSUL. SYS. 220° C 150 **° C RISE** **COOLING CLASS " AA"**

CAT. NO. HT(XX)A3K2 **IMPEDANCE** **% AT** 170 **° C**

SN. **WEIGHT** **LBS. APPROX.**



CONNECT TAPS	VOLTAGE
4 - 5	504
4 - 6	492
3 - 5	480
3 - 6	468
2 - 6	456
3 - 7	444
2 - 7	432

All adjustments to transformer should be performed only by a qualified electrician. Disconnect power before working on the transformer.

CANADIAN STANDARDS ASSOCIATION

This transformer takes 480 volts 3 phase input and provides 240 volts 3 phase and 120 volts single phase output.

There is one set of taps on each of the three coils. All tap jumpers must be connected in the same position on all three coils.

INSTRUCTIONS FOR CONNECTING THIS TRANSFORMER:

Connect three phase power from utility to H1, H2, and H3.
If voltage is 480 volts (nominal voltage) connect tap jumpers between taps numbered 3 and 5 (factory default setting)
If voltage is higher than 480 volts connect the tap jumpers to:
Taps 4 and 6 if 492 volts
Taps 4 and 5 is 504 volts
If utility voltage is higher than 504 volts do not connect this transformer and contact MGM for assistance.

If voltage is below 480 volts connect the tap jumpers to:
Taps 3 and 6 if 468 volts
Taps 2 and 6 if 456 volts
Taps 3 and 7 if 444 volts
Taps 2 and 7 if 432 volts
Once jumpers are set, connect X1, X2, and X3 to power distribution system providing 240 volts three phase power
120 volt single phase output can be obtained between X1 and X4 (5% of capacity) & X2 and X4 (5% of capacity)
If maximum of 10% single phase output is used, three phase capacity is reduced by 15%