

# CONTROL POWER TRANSFORMERS

Model CPT3-60-15

Model CPT5-95-15

## APPLICATION:

To provide control power in medium voltage switchgear.

## FREQUENCY:

60 Hz.

## INSULATION LEVEL:

CPT3:  
5 kV, 60 kV BIL full wave.

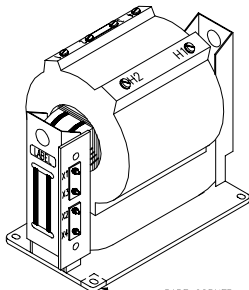
## CPT5:

15 kV, 95 kV BIL full wave.

## THERMAL RATING:

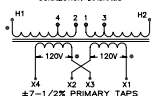
15 kVA at 30°C ambient.  
12.9 kVA at 55°C ambient.

- Primary terminals are brass screws 1/4-20 with one flatwasher and starwasher.
- Secondary terminals are brass studs 1/2-13 with one flatwasher, lockwasher and two nuts, plus series/parallel links.
- The transformer High Voltage winding is vacuum encapsulated in epoxy resin.
- Supplied with 1±7-1/2% or 2 ±2-1/2% taps above & below nominal voltage on the primary winding.
- Available as unfused only.
- Self cooled.
- Steel mounting base.
- For indoor use.
- Approximate weight 290 lbs.

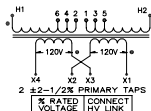


BARE CORNER FOR GROUNDING

### CONNECTION DIAGRAMS

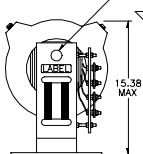


% RATED VOLTAGE	CONNECT HV LINK
107.5	1-2
100	2-3
92.5	3-4

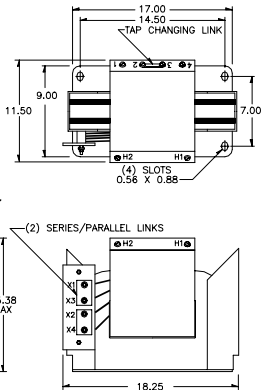


% RATED VOLTAGE	CONNECT HV LINK
105	1-2
102.5	2-3
100	3-4
97.5	4-5
95	5-6

(2) LIFTING HOLES  
1.12 DIA.



(2) SERIES/PARALLEL LINKS



Refer to Sales for 50 Hz.

***CATALOG NO.	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	**FUSE RATING
CPT3-60-15-242	2400	20:1	120/240	15E
CPT3-60-15-4161	4160	34.7:1	120/240	10E
CPT3-60-15-482	4800	40:1	120/240	10E
CPT5-95-15-722	7200	60:1	120/240	7E
CPT5-95-15-842	8400	70:1	120/240	7E
CPT5-95-15-123	12000	100:1	120/240	5E
CPT5-95-15-1242	12470	104:1	120/240	5E
CPT5-95-15-1322	13200	110:1	120/240	5E
CPT5-95-15-1382	13800	115:1	120/240	5E
CPT5-95-15-1442*	14400	120:1	120/240	5E

\*Not available with primary taps.

\*\*Note all fuse ratings are based upon NEC transformer overcurrent protection recommendations. Specific applications may require other ratings.

\*\*\*For 1±7-1/2% taps use suffix "A" after Catalog No.

\*\*\*\*For 2 ±2-1/2% taps use suffix "B" after Catalog No.