

# CONTROL POWER TRANSFORMERS

Model CPTS3-60-15

Model CPTS5-95-15

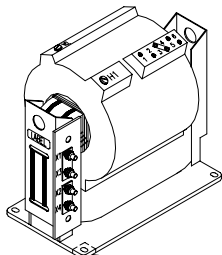
**APPLICATION:**  
To provide control power in medium voltage switchgear.

**FREQUENCY:**  
60 Hz.

**INSULATION LEVEL:**  
CPT3:  
5 kV, 60 kV BIL full wave.  
CPT5:  
15 kV, 95 kV BIL full wave.

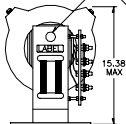
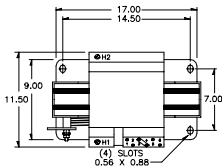
**THERMAL RATING:**  
15 kVA at 30°C. ambient.  
12.9 kVA at 55°C. ambient.

- 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  $\pm 7$ -1/2% or 2  $\pm 2$ -1/2% taps above and below nominal voltage on the primary winding.
- Available as unfused only.
- Self cooled.
- Steel mounting base.
- For indoor use.
- Approximate weight 290 lbs.

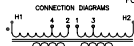
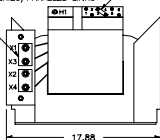


(2) LIFTING HOLES  
1.12 DIA.

BARE CORNER FOR GROUNDING

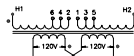


TAP CHANGING LINK  
(2) SERIES/PARALLEL LINKS



7-1/2% PRIMARY TAPS

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



2  $\pm 2$ -1/2% PRIMARY TAPS

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

Refer to Sales for 50 Hz.

| ***CATALOG NO.    | PRIMARY VOLTAGE | RATIO  | SECONDARY VOLTAGE | **FUSE RATING |
|-------------------|-----------------|--------|-------------------|---------------|
| CPTS3-60-15-242   | 2400            | 20:1   | 120/240           | 15E           |
| CPTS3-60-15-4161  | 4160            | 34.7:1 | 120/240           | 10E           |
| CPTS3-60-15-482   | 4800            | 40:1   | 120/240           | 10E           |
| CPTS5-95-15-722   | 7200            | 60:1   | 120/240           | 7E            |
| CPTS5-95-15-842   | 8400            | 70:1   | 120/240           | 7E            |
| CPTS5-95-15-123   | 12000           | 100:1  | 120/240           | 5E            |
| CPTS5-95-15-1242  | 12470           | 104:1  | 120/240           | 5E            |
| CPTS5-95-15-1322  | 13200           | 110:1  | 120/240           | 5E            |
| CPTS5-95-15-1382  | 13800           | 115:1  | 120/240           | 5E            |
| CPTS5-95-15-1442* | 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  $\pm 7$ -1/2% taps use suffix "A" after Catalog No.

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